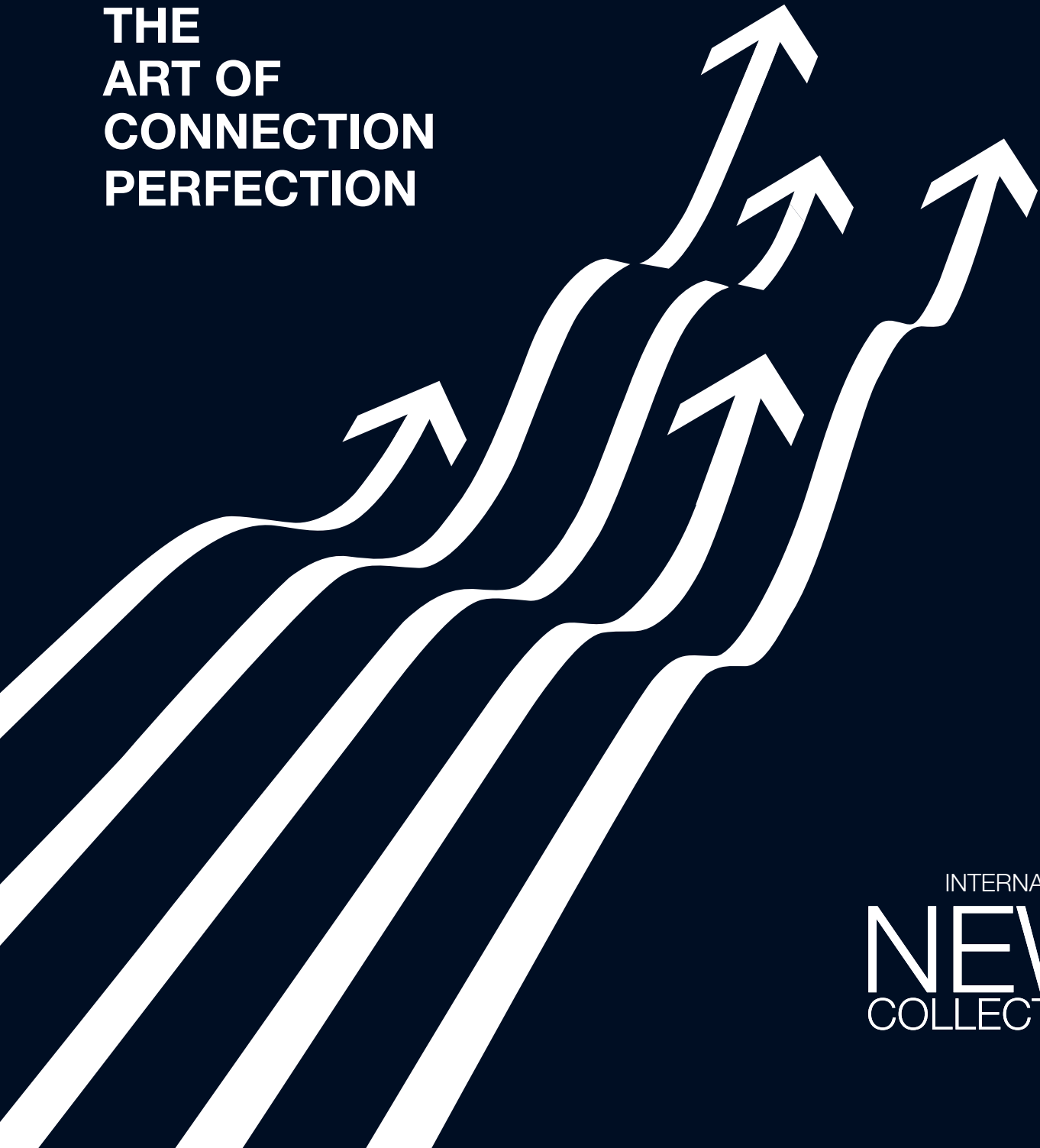


**THE
ART OF
CONNECTION
PERFECTION**



INTERNATIONAL
NEW
COLLECTION
2016



everything
in life is
connected
the point is
to know
it and to
understand it

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CONNECTING



SHARING



CONVERTING



EXTENDING

The ways in which separate components interact with each other is crucial in any functional system! A large number of our products take basic AV and IT information and bring them together to form a group of products with a wide range of functions. These combination systems can in turn be combined with other products to form complex, reliable solutions. This is our philosophy when it comes to developing and choosing our products.

COMBINED CONNECTIVITY SOLUTIONS

It's a satisfying feeling to see how visions can be turned into reality and how ideas can become enduring and long-lasting. Over the previous year, we could once again behold the dedication and inspired thinking of our clients and partners in their fields of endeavour and the daily work they accomplished. How people are inspired and energised by change processes that allow them to reach their full potential and outgrow themselves. This has shown how important cooperation and partnership are in our daily business world, and how patience and persistence can pay dividends.

Expertise and consultative services are needed more in order to meet customer requirements and respond to their demands about applications and technologies. Our work is no longer just cable connections from A to B but how to distribute, extend and convert these signals across all distances. We feel it is important to always understand how autonomous components interact with each other in order to be able to bring them together as a fully-functional system. These components must be able to operate in a professional environment so that investment can be planned for the long-term and are therefore sustainable.

We are well aware that technology is not the be-all and end-all but that many other sub-aspects must be integrated into an application's concept. This includes environment, space, and content. Technology only provides the medium of transmission allowing effective transmission of content. As far as we are concerned, a holistic view of these aspects is essential: Space, content and technology. People are working daily in the web; it allows them to communicate across any distances.

In this year's catalogue, we would like to present a few applications which demonstrate the various ways in which individual components can be brought together to form solutions to give you a deep insight into the LINDY world. Perhaps you will find one or more of them inspiring - this would certainly make us delighted.



CONNECTING

OUR SERVICES YOUR SUCCESS

CONNECTING

Thanks to our decades of experience in connecting computers and audio/video equipment, we're experts when it comes to transmitting signals over short, intermediate and even large distances. Our extensive range of cables doesn't just include standard lengths; we've also harnessed the material technologies it takes to span extremely large distances with our Super Long Distance cables.

BUSINESS CUSTOMERS

As a LINDY customer and partner, specific expectations are expected. We offer you exclusive offers, individual project support and a direct contact to your support representative. Wholesale prices and downloadable price lists are available for registered customers in the password secured area on our website. If you want to register as a business client, fax us (+44 1642 754 029) or email us at postmaster@lindy.com.

If you are already a business customer and require a password for the dealer area, then please send us an e-mail to postmaster@lindy.com. We need your company name, your customer number and e-mail address. We look forward to hearing from you soon!

LINDY TECH SERVICES

Individual special order of cables, components and project planning has been a core aspect of our business for many years. When planning projects, several questions concerning necessary components, custom designs, features and prices are asked. Our project team's technical know-how can assist and give professional advice, and help find the suitable price. We work closely with our production specialists to meet individual customer specifications. The availability of samples or products for trial is in most cases possible.

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OUR SERVICES YOUR SUCCESS

STABILITY

We have been a reliable partner for our customers since 1932. LINDY supports its customers in trade and processing industries as well eTailer and system integrators in order to realize challenging and complex projects successfully. These complex projects can't be shouldered by a single company but instead require partnership and cooperation. Work together in order to bring competence into projects, it's worth it! Especially for our customers, as the current cooperation has been impressive.

EXPERIENCE

Lindy's outstanding competence is based on more than eight decades of experience with pioneering technology. The LINDY branded products are in all areas of IT, AV and at home. They are used to connect analog and digital signals, to share, to convert or to extend the limits maximum possible transmission of data signals. LINDY has a comprehensive range of innovative connection solutions custom fitted for home and office industry and supports you with the full experience of project planning up to the final implementation.

DEVELOPMENT

We set standards with our technological and logistical know-how. By always keeping our customers' requirements for performance, cost efficiency, availability and pinpoint delivery in mind. We're presently and in the future be able to offer products and services of maximum quality and stability. LINDY customers benefit from these advantages and from our personalized service with cost-effective and reliable AV and IT solutions.

SHARING

Signals need to be split for distribution to multiple target devices. We have mastered this challenge for both analogue and digital signals, for conventional technologies such as VGA and serial connections and for advanced, state-of-the-art HDMI and display port connections. We offer splitters for basic setups with only two monitors or target devices, and also for meeting the needs of highly complex, professional multiple and digital signage solutions that call for maximum flexibility and functionality.

For over 30 years now, we have been devoting ourselves to technologies for switching and converting signals. We enable switching between both conventional and highly advanced signal types in order to connect one or more source devices to one or more target devices. Our range includes solutions for straightforward 1:2 and 2:1 switching as well as modules for complex multiple switching tasks and combining different signal types in parallel. We're therefore also excellently prepared and equipped to fill large, demanding orders.

S

SHARING



CONVERTING

CONVERTING

The variety of analogue and digital signal protocols used by different interfaces makes converting absolutely essential.

This ensures that IT devices can communicate with each other. Since the advent of USB and the start of digital transmission for KVM (keyboard – video – mouse) and A/V applications, we have perfected the art of converting analogue signals into digital ones and vice versa.

Our broad expertise and many years of experience allow us to consistently take advantage of the latest and best technologies and offer first-rate solutions for connecting different types of signals. All while ensuring the high product quality for which our brand is known.

PROCESSING

You have an inquiry or need advice on a project for which you could use some assistance.

We can help you with calculating your cost proposal, clarifying technical details, etc., for instance by providing appropriate samples. With LINDY as an efficient provider, your competitive proposals will win the order. We can help you at the planning stage and guarantee timely production and delivery, directly to the site, if desired. It is your achievement that will be in the foreground, your customers will never know we exist. The success is entirely yours.

AVAILABILITY

Through innovation and the continuous development of our products and processes, we are able to offer a substantial and reliable interconnection of technology and first-class service. Thanks to our wide product range of over 3,000 products that are always available in our warehouses, with more than eight decades of experience, and our in-depth knowledge of the market requirements in the various fields of application in business, education, home entertainment and event facilities, we offer solutions for every requirement – available worldwide.

SPECIAL ORDER

The LINDY TECH SERVICES ensures your success by giving great importance to product quality and professional project management. This commitment allows a focused and profitable approach for both sides. What this means for us: you have an inquiry or need advice on a project for which you could use some assistance.

We can help you with calculating your cost proposal, clarifying technical details, etc., for instance by providing appropriate samples. With LINDY as an efficient provider, your competitive proposals will win the order. We can help you at the planning stage and guarantee timely production and delivery, directly to the site, if desired. It is your achievement that will be in the foreground, your customers will never know we exist. The success is entirely yours.

OUR SERVICES YOUR SUCCESS

PRODUCT CHECK

The setting up of AV distribution systems and the delivery of high quality content is not an easy process. A system needs to develop excellent communication in order to deliver maximum effect. It is necessary to note that all components harmonize perfectly with one another and it is important to understand the interaction that happens. Our aim with the LINDY PRODUCT CHECK for professional system integrators and enterprises with powerful, innovative solutions and a sustainable service support. Take advantage of the chance to test and validate the efficiency of LINDY products in their own technical environments. Make the right decision. Our team consists of experienced professionals and will support you in the design, development, testing and rollout of the project.

24/7 ONLINE SHOP

You can order 24/7, 365 days a year on our website. Of course, with availability check, order tracking and certified security. The products in your shopping cart are automatically saved for your next visit. Regular customers can store various shopping carts and easily retrieve them for future use. If you already know the item number of the product, you can quickly order with a few clicks via the "Quick order" feature.

LOGISTICS NETWORK

LINDY globally offers innovative products, solutions and services. Thanks to a globally integrated logistics network with three logistics centers in China, United Kingdom and Germany. Our aim is to provide customers our products within 24 hours. With this promise of an integrated logistics network, we support our customers around the world the potential and ensure high product availability and reliable quality. If you order before 1:30 p.m. GMT, products that are in stock will be sent out the same day.

EXTENDING

Repeaters from LINDY can extend signals of different wired protocols, extending the signal to as much as twice or three times the initial specified distance.

Our repeaters make it possible to string two or even three of them together for many types of signals. For virtually unlimited connections, we also have world-class competence in the key discipline of extenders – they enable transmission over hundreds of metres, several miles or to virtually anywhere in the globe via IP.



EXTENDING

BUNDLE RESOURCES AND EXPERTISE - IT'S WORTH IT! PRODUCTS IN USE

The demands and pressure on present day company's internal resources are increasing at an ever greater rate. Managing numbers of vendors, mastering different processes, paying close attention to the latest technology and legal requirements for planned applications must be considered. These are the challenges of today's business. The key to our success lies in how we and our customers work together as partners. We fuse know-how with an extensive product range which allows us to provide our customers with a unified solution for the entire project or life cycle of a product. In this way we can reduce costs and time expenses of our customers' procurement needs. This year's catalog provides valuable knowledge at your fingertips by demonstrating tried and tested connection solutions in real applications to illustrate benefits for your business. These applications are intended to inspire you and show you the one-stop solutions we have available for a range of requirements.

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We have put together a clear and comprehensive solution for products marked with this icon.

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THE ONLY THING CONSTANT IS CHANGE



The Management

Diana Abernethy, Jürgen Lindenberg, Peter Lindenberg & Darren Casey

IT and AV technology continues to develop and grow at an almost breathtaking pace. It's our belief that this constant change is the greatest challenge in our industry. As a family owned business, it's very important that we meet the needs of both customers and partners in this fast moving landscape. How do we do this? Instead of simply making short or long term plans, our focus instead is to constantly adapt to change and to be the best in everything we do - for you and for us.

Over the last 80 years LINDY has grown from a small trading company of only two employees into one of the world's leading suppliers of IT and AV connectivity solutions. Along the way we've implemented many projects, worked hard, learned and made many friends. The variety of projects and the diversity of the people we work with is what makes our working day so interesting.

Our customers and partners have accomplished a great deal, both nationally and internationally. With our products they've achieved amazing results and created quality solutions. This is what motivates and inspires us. At LINDY we care about genuine partnerships - our goal is always to help develop and support our business partners.



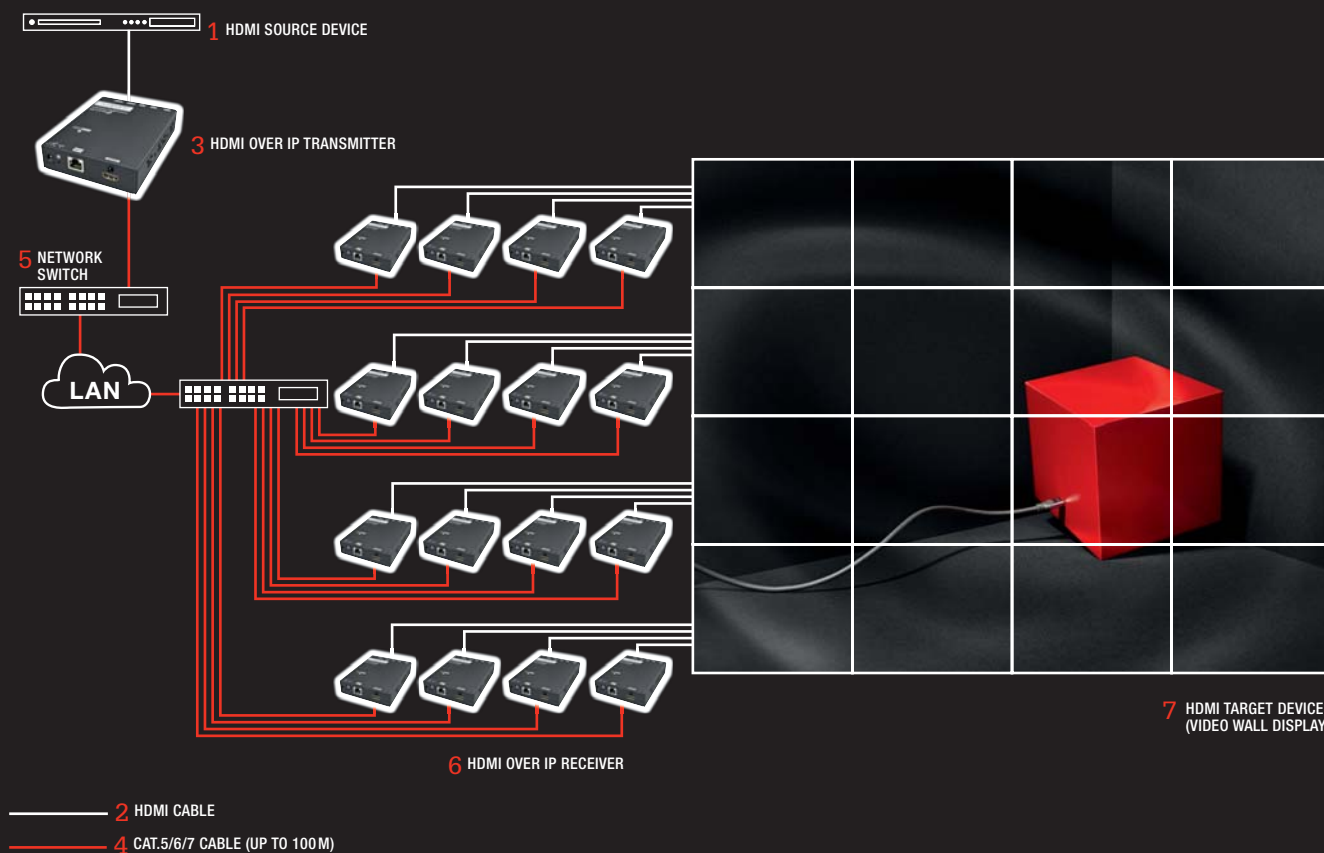
AUDIO & VIDEO CLARITY

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HDMI VIDEO WALL SYSTEMS: HIGHEST POSSIBLE DISPLAY QUALITY

REQUIREMENTS: With the increasing resolutions in modern video formats, the requirements for transmission and display technology are also getting tighter. Video walls, which involve the display of very large high resolution video material made up from partial images on many single displays, need to be controlled in real time and supplied with signals. Such a solution should ideally use an IP-based infrastructure to avoid having to install multiple cables and allow the possibility to bridge large distances which is usually required by video wall set ups.

SOLUTIONS: The LINDY video wall extender solution allows you to control a combined video wall of up to 64 monitors. The HDMI signals are distributed from the transmitter via IP and the image sections are scaled by the receiver. Multiple HDMI input signals can also be supplied when required. Example applications are video walls in stadiums or clubs, at show events or at trade fairs or in billboards.



AREA OF APPLICATION:

Video wall systems in different sizes of 2x2 to 8x8 displays in shopping centres, as sales displays and at show events.

1 HDMI SOURCE DEVICE

A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE

HDMI cables are placed between the source and splitter and between receiver and display according to the requirements. A suitable selection of HDMI cables in various configurations and lengths can be found starting on page 240.

In order to bridge the first and last distance between source device and transmitter or between receiver and target device, we recommend CROMO HDMI High-Speed cables with Ethernet:

→ Page 241 No. 41 442, length 2m



3 HDMI OVER IP TRANSMITTER

This IP-streaming solution compresses the HDMI signal from the source device and sends it to an almost unlimited number of monitors at any location of your choosing over the Ethernet network.

The HDMI over IP video wall extender - transmitter can be found on:

→ Page 53, No. 38132



4 CAT.5/6/7 CABLES

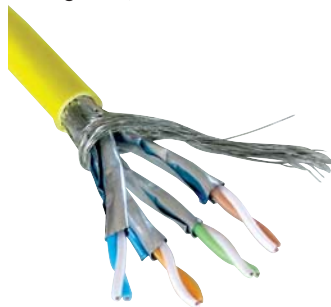
Transmit HDMI signals in Full HD via dedicated Cat. 5/6/7 cables up to a length of 100m.

Cat. 5/6/7 cables available in meter units on a 100 m reel for custom manufacture of network installation cables is found on:

→ Page 130, No. 12047

Cat. 6 cables in various configurations and lengths up to 30 meters can be found on:

→ Page 127, No. 44470-44476,
Page 129, No. 44460-44466



5 NETWORK SWITCH

A Gigabit enabled network switch provides the IP connection between a transmitter and one or more receivers. Installations with a number of receivers require professional switches with support for the broadcasting protocol, IGMP, jumbo frame and VLAN.

6 HDMI OVER IP RECEIVER

These receivers decompress the signal and transmit it as an HDMI signal. One receiver unit is needed per target device. Video wall solutions with e.g. 8x8 displays need 64 receivers. Each receiver is responsible for scaling and outputting the correct image section on its video wall display. The transmitter and receivers are configured from the web interface.

The HDMI over IP video wall extender - receiver:

→ Page 53, No. 38133



7 HDMI TARGET DEVICE

Digital signage content or other Full HD video and audio signals can be emitted on video screens, projectors, touch screen and video converters.

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

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HDMI VIA IP – NETWORK-BASED: EFFICIENTLY AND RELIABLY CONTROL MAXIMUM DISTANCES

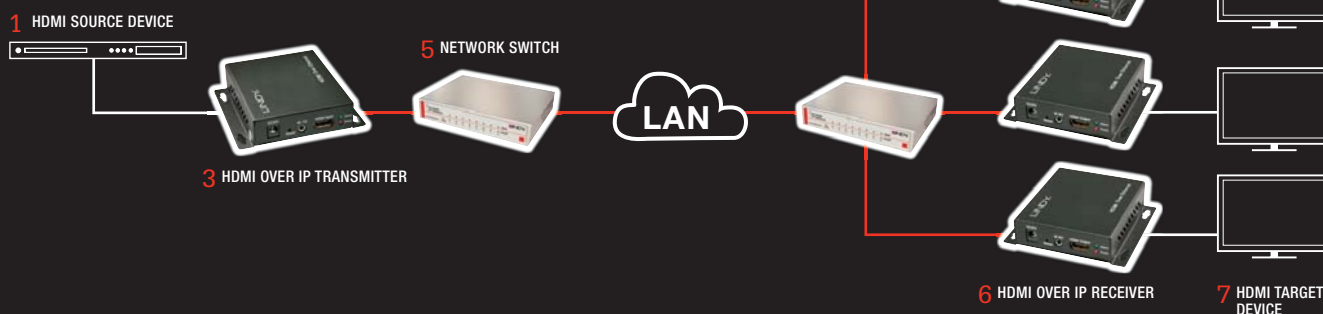
REQUIREMENTS: Modern video signal transmission are putting ever greater demands on transmission technology. Often there is the need to distribute signals and content for digital display in unicast or multicast applications to one or more displays. A cost-efficient solution is needed to transmit A/V signals to multiple locations with exceptional image reproduction. These kinds of extender and signal products should be IP-based in order to be able to make use of existing network structures.

SOLUTIONS: The IP-based HDMI transmission systems from LINDY can be used to distribute A/V signals in Full HD quality to displays placed in various locations whether these be flat screens, projectors or mobile devices. One receiver is needed for each display. The products are configured over the network in a simple, uncomplicated way. In contrast to digital signage solutions with media players on each individual display, these systems offer low system costs as well as the advantage of simultaneous, real-time transmission of content on all display devices.

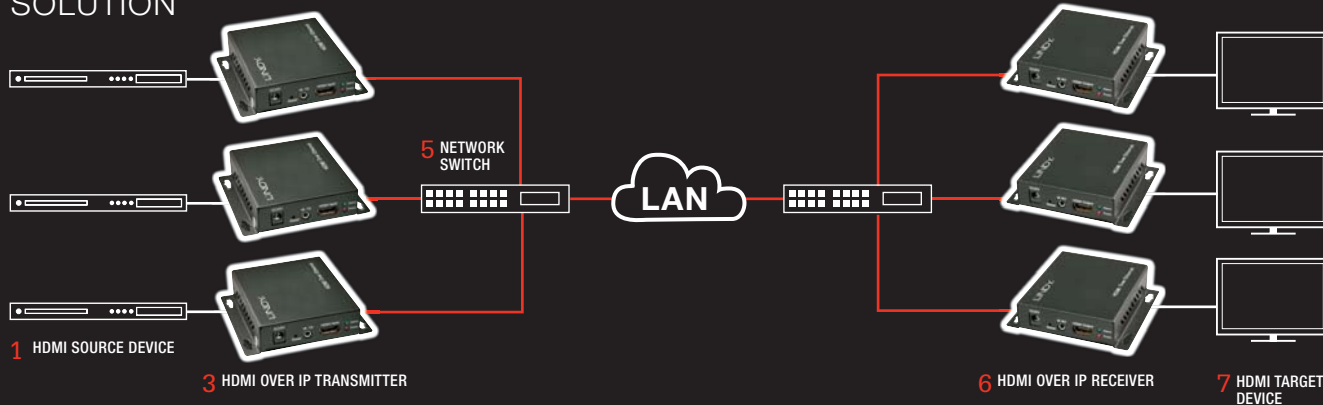
ONE-TO-ONE SOLUTION



ONE-TO-MANY SOLUTION



MANY-TO-MANY SOLUTION



- 2 HDMI CABLE
- 4 CAT.5/6/7 CABLE (< 100M)

AREA OF APPLICATION:
The solutions can be used for centrally controlled point of sale environments for digital signage, video streams in classrooms, info boards and signposts in public buildings as well as announcements, timetables and other information in environments with high numbers of people.

1 HDMI SOURCE DEVICE

A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE

HDMI cables are placed between the source and splitter and between receiver and display according to the requirements. The suitable selection of HDMI cables in various configurations and lengths can be found starting on page 240.

In order to bridge the first and last distance between source device and transmitter or between receiver and target device, we recommend CROMO HDMI high-speed cables with Ethernet:

→ Page 241 No. 41442, length 2m



3 HDMI OVER IP EXTENDER TRANSMITTER & RECEIVER

This IP-streaming solution compresses HDMI signals from the source device and sends them to an almost unlimited number of monitors at any location of your choosing over an Ethernet network. A one-to-open connection between transmitter and receiver can be implemented as a basic application directly using a Cat 5/6 cable up to 100m. The distance can be extended in 100m segments by integrating network switches.

Extender for HDMI Full HD 1080p resolutions including HDCP compatibility suitable for one-to-one/many and to many-to-many can be found on:

→ Page 53, No. 38126



4 CAT.5/6/7 CABLES

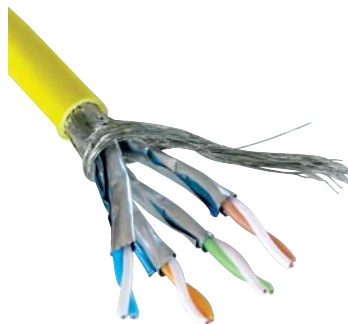
HDMI signals transmitted in Full HD via dedicated Cat. 5/6/7 cables up to a length of 100m.

Cat. 5/6/7 cables available in metered units on a 100m reel for custom manufacture of network installation cables can be found on:

→ Page 130, No. 12047

Cat. 6 cables in various configurations and lengths up to 30 metres can be found on:

→ Page 127, No. 44470–44476,
Page 129, No. 44460–44466



5 NETWORK SWITCH

A Gigabit enabled 8 port switch provides the IP connection between a transmitter and one or more receivers. Installations with a number of receivers require professional switches with support for the broadcasting protocol, IGMP, jumbo frame and VLAN.

For simple installations with only a few receivers, we recommend the Premium 8 Port 10/100/1000 GIGABIT Desktop Switch:

→ Page 114, No. 25045



6 HDMI OVER IP RECEIVER

These receivers decompress the signal and output it as an HDMI signal. One receiver is needed per target device.

Receivers for HDMI Full HD 1080p resolutions including HDCP compatibility suitable for one-to-one/many and many-to-many can be found on:

→ Page 53, No. 38128



7 HDMI TARGET DEVICE

Digital signage contents or other Full HD video and audio signals can be sent to video screens, projectors, touch screens and video converters.

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

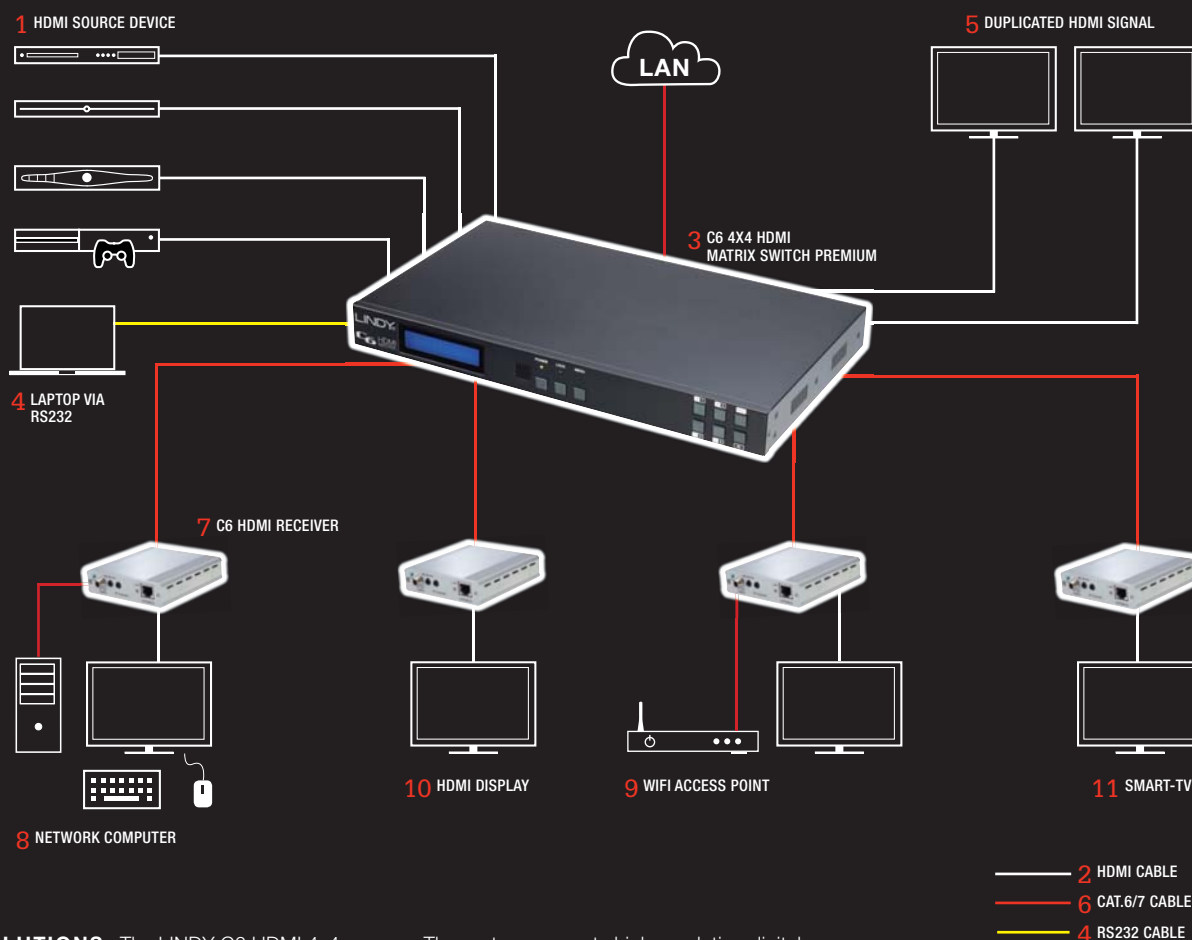
LINDY TECH SERVICES

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FLEXIBLE SWITCHING & DISTRIBUTION OF HDMI SIGNALS

C6 HDMI 4X4 MATRIX SWITCH & HDBaseT EXTENDER

REQUIREMENTS: Modern digital signal distribution installations need flexible and scalable solutions which can transmit signals over ever greater distances. Such systems must meet bandwidth and resolution requirements and also send maximum quality audio and video signals to displays using a variety of different transmission methods. Installations in company buildings and commercial environments require large signal ranges and the use of network cable infrastructure.



SOLUTIONS: The LINDY C6 HDMI 4x4 Matrix Switch sends high-quality A/V signals with resolutions up to 1920x1200@60Hz including 1080p with 3D and multi-channel audio data from four HD source devices to four HDBaseT outputs. The switch is configured and controlled either via RS-232 or over IP or telnet.

The system comprises of a matrix device unit and receivers (available separately). Long distance connections can be implemented at each output via a single Cat.5e cable (up to 80m) or a Cat 6/7 cable (up to 100m). Two of the outputs offer local HDMI connections for monitoring purposes.

The system supports high-resolution digital audio formats, such as LPCM 7.1, Dolby TrueHD, Dolby Digital Plus or DTS-HD Master Audio. Power over HDBaseT (PoH) support means that PoH compatible HDBaseT receivers no longer need their own power supply but can be supplied with power from the network cable. Thanks to the LAN connection, the Ethernet system can be extended to network enabled signal sources, such as SmartTV sets to allow them to connect to the internet. This setup allows the network infrastructure in the existing building to be used and not go to waste.

AREA OF APPLICATION:
This solution is suitable for display and control in local HDMI installation environments, video/TV wall systems, in the safety and monitoring area, in sales display installations, for auditoriums in universities and other educational applications.

PRODUCTS IN USE

1 HDMI SOURCE DEVICE
A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE
HDMI cables are used to connect HDMI source devices to the inputs and HDMI displays to the outputs of the C6 matrix switch and the HDMI displays equipped with HMDI ports to the C6 HDMI receivers.

We recommend the following to bridge the first and last distance between the source device and transmitter and between the receiver and target device with a secure plug connector (Friction Locking). Find our CROMO High Speed HDMI cable with Ethernet and Friction Locking on:

→ Page 241, No. 41442, length 2m



3 C6 4X4 HDMI MATRIX SWITCH PREMIUM
The C6 MATRIX switch distributes the 4 input signals from the HDMI source devices to the 4 displays distributed using HDBaseT. Two of these HDBaseT ports are duplicated via HDMI outputs for monitoring purposes. The built-in LAN function allows distributed PCs and devices such as WiFi access points to connect to the Internet. The C6 matrix switch uses HDBaseT technology to distribute displays over large distances. HDMI signals are converted and transmitted via standard Cat.6/7 RJ-45 cables up to 100m in length.

4x4 matrix switches with HDBaseT outputs for transmitting HDMI signals with resolutions up to 1080p 48Bit including 1080p and 3D can be found on:

→ Page 49, No. 38216

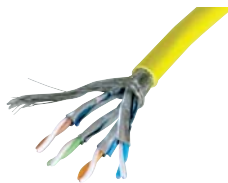


4 LAPTOP VIA RS232
A PC can be connected to the matrix switch via an RS-232 interface for external control of outputs and for configuring via a Web interface.

5 DUPLICATED HDMI SIGNAL
The signal can be duplicated to two of four outputs via HDMI. Displays distributed via HDBaseT can be monitored locally.

6 CAT.6/7 CABLES
CAT. 6/7 cables can also be used for the HDBaseT connections in this installation in order to make the network connections between the matrix switch and the network, and between the receivers and the devices connected to them.

Cat. 6/7 cables for custom manufacture of network installation cables can be found on:
→ Page 130, No. 12047



Cat. 6/7 cables in various configurations and lengths up to 100 meters can be found on:
→ Page 127, No. 44470-44476
Page 129, No. 44460-44466

7 C6-HDMI-RECEIVER
The C6 receiver converts HDBaseT signals back to HDMI. It also provides the LAN connection from the matrix switch to provide additional computers, smartTVs, WiFi access points, etc. to be provided with network connections.

Receivers for HDTV resolutions up to 4K and Full HD 1080p with color depths of 24/36/48 Bit and 3D signals including 1080p 3D can be found on:
→ Page 49, No. 38218



8 NETWORK COMPUTER
A network enabled computer can be connected to the C6 receiver via an RJ-45 Ethernet connection in order to continue using the CAT.6 infrastructure of the building.

9 WIFI ACCESS POINT
Network devices such as WiFi access points, IP cameras or NAS systems can also be connected to any C6 receiver.

10 CONTROL
A display or projector can be supplied with a video signal which is switched via the matrix switch by means of the HDMI output on the C6 receiver.

11 SMART TV
SmartTVs can also be connected to the network by means of the network port provided via the C6 receiver.

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
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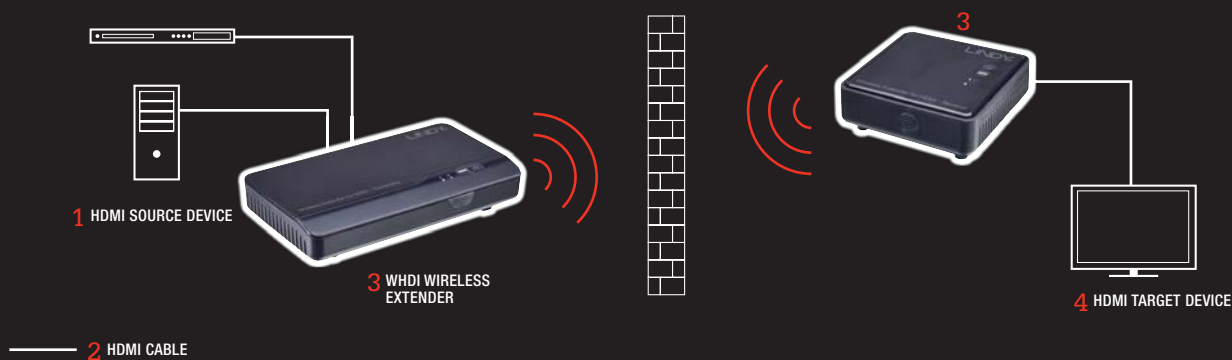
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WIRELESS HDMI EXTENDER

THE CABLE FREE ALTERNATIVE

REQUIREMENTS: In conference rooms and home cinemas, a cable connection between HDMI signal sources and a projector or display can be problematic or simply not desirable. In such cases the cable-free connections provided by the LINDY WHDI HDMI Extender is the ideal solution for lag-free video transmission without any loss of quality.

If a target device - a projector, monitor or TV - is far away from the source device (computer, notebook, DVD player or games console), and it is not possible to run long lengths of cable, it is preferable to opt for a cable free alternative. In particular when transmitting high-resolution video lag-free and without loss of quality in environments such as home cinemas or conference rooms where a visually appealing environment matters.



SOLUTIONS: The innovative LINDY WHDI HDMI Extender offers a real alternative. The Extender sends signals in the 5GHz frequency range - similar to a WiFi router - achieving data transmission speeds of around 3Gbit/s. WHDI data transmission is not like a conventional network connection. All data are transmitted across 5 channels in parallel. This leads to an increase in the image transmission quality compared with other radio transmissions. For video and audio, the WHDI Extender is easily able to transmit 1080p up to 60Hz without compression artefacts. With its HDMI 1.4 support, it can also transmit all 3D signals and Dolby Digital.

The WHDI Extender can support a maximum distance of between 20 and 30 meters. For maximum lengths direct visible contact between transmitter and receiver is required. To ensure continuous transmission when transmitting signals to a neighbouring room through a wall or ceiling, typical maximum distances of 15 meters are supported. No configuration or complex settings are needed to install the WHDI Extender - simply plug and play to start viewing.

PRODUCTS IN USE

1 HDMI SOURCE DEVICE
A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE
HDMI cables are placed between source device & transmitter and between receiver & target device.

A wide range of HDMI cables can be found on:
→ Page 240-244

4 HDMI TARGET DEVICE
Full HD video and audio signals sent to projector, monitor or TV.

3 WHDI WIRELESS EXTENDER FOR HDMI
Check our WHDI Wireless Extender for HDMI 3D 1080p on:

→ Page 43, No. 38125
Transmitter & Receiver



The WHDI Extender transmits signals from most IR remote controls for controlling HDMI signal sources with their remote control via a wireless connection.

The transmitter has two HDMI connections allowing you to switch between HDMI signal sources connected to the transmitter via an IR remote control. It is possible to control equipment located in a different room and to switch between different signal sources and make new connections between any two transmitter and receiver units.



To prevent interference with other signal sources, the data is sent over a frequency range of 5.1 to 5.9 GHz. The WHDI Extender operates in a similar way to 5GHz WiFi but over 5 channels simultaneously to manage large volumes of data over HDMI transmission.

The remote control is used to configure the extender and allows you to switch receiver and transmitter to on and off.



The remote control is used to configure the extender and allows you to switch receiver and transmitter to on and off.



DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
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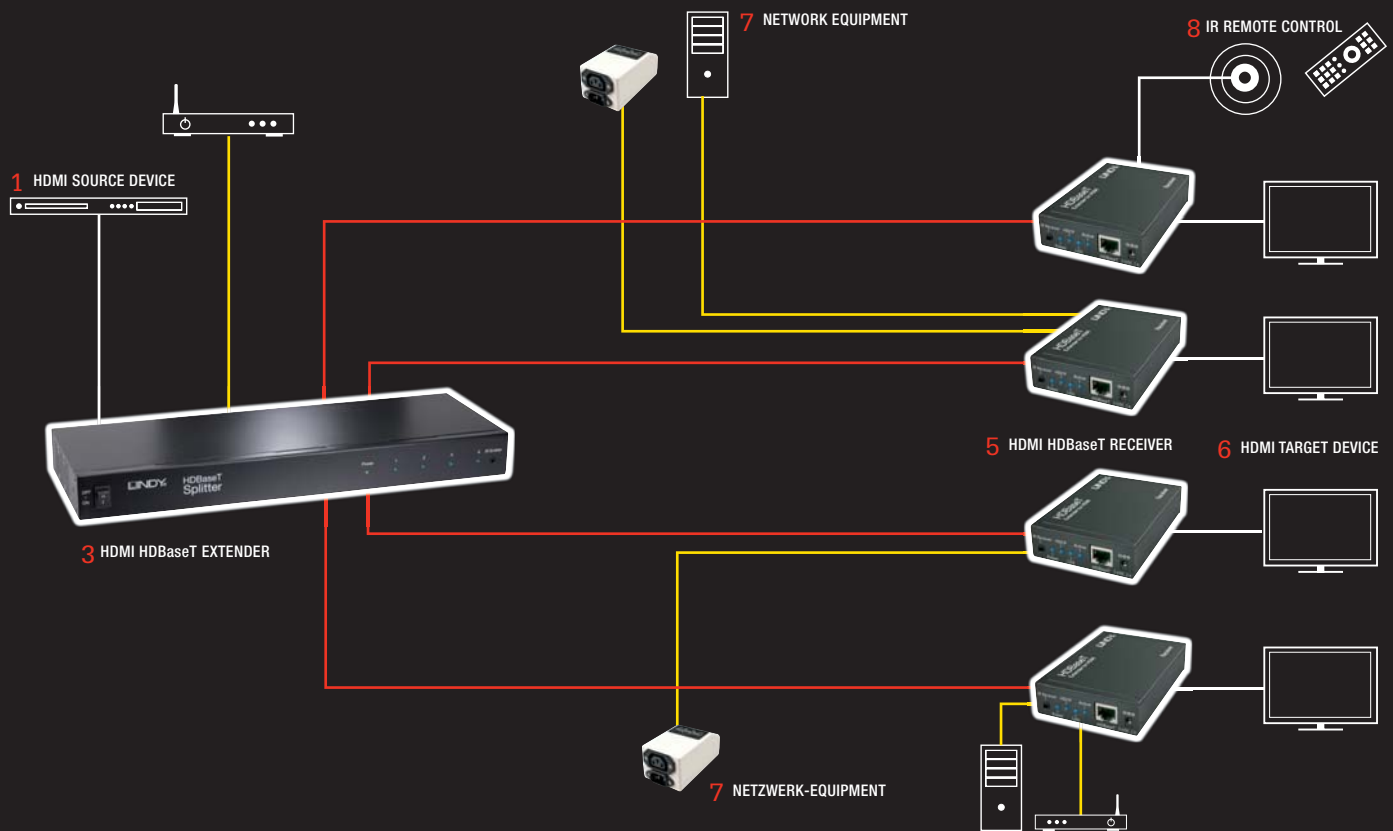
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HDMI VIA HDBaseT CONNECTIVITY: FOR THE HIGHEST DEMANDS IN FLEXIBILITY AND FUNCTIONALITY

REQUIREMENTS: As modern source devices deliver image signals with maximum quality and color depth, it would be hard to imagine that digital signage applications do not use this high definition quality. The distribution of these signals needs to meet more and more varied requirements for distance and bandwidth. What if you wish to distribute these digital signals and content to multiple displays over large as possible distances? HDBaseT is a transmission standard that makes such professional, high-resolution and high-performance solutions possible.

SOLUTIONS: LINDY's HDBaseT technology based solution meets these requirements to perfection. They can split an HDMI signal over 1:1 or 4/8 displays (HDMI 1:4 or 1:8 splitter). Using an easy to install network cable and an HDBaseT receiver, these signals can be sent to multiple displays each at a distance of up to 100m. This splitter/extender solution supports 4K30 and Full HD resolutions and is also able to send 3D signals. Infrared remote control signals and LAN signals are also supported, e.g., to control connected systems remotely. LINDY's HDBaseT devices are compatible with HDBaseT projectors and devices made by all popular manufacturers.



→ AREA OF APPLICATION:
This example solution can be used for digital signage installations, events, conferences and presentation environments. Additional switching between signal sources can take place via upstream HDMI switches.

- 2 HDMI CABLE
- 4 CAT.5/6/7 CABLE (UP TO 100M)
- 7 RJ45 PATCH CABLE

1 HDMI SOURCE DEVICE
A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE
HDMI cables are placed between the source and splitter, and between receiver and display according to the requirements. A suitable selection of HDMI cables in various configurations and lengths can be found starting on page 240.

In order to bridge the first and last distance between source device and transmitter or between receiver and target device, we recommend CROMO HDMI high-speed cables with Ethernet.
→ Page 241, No. 41 442, length 1 m



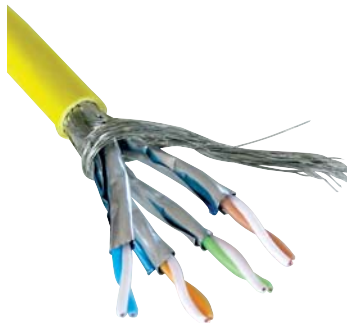
3 HDMI HDBaseT EXTENDER
The HDBaseT solution compresses the HDMI signal and sends it to one or more HDBaseT receivers via dedicated Cat. 5/6 cables.

Extender with 4x splitters:
→ Page 49, No. 38116
Extenders with 8x splitters:
→ Page 49, No. 38117



4 CAT.5/6/7 CABLE
HDMI signals transmitted in Full HD via dedicated Cat. 5/6/7 cables up to a length of 100m.

Cat. 5/6/7 cables in meter ware for custom manufacture of network cables can be found on:
→ Page 130, No. 12047
Cat. 6 cables in various configurations and lengths up to 100 meters can be found on:
→ Page 127, No. 44470–44476,
Page 129, No. 44460–44466



5 HDMI BaseT RECEIVER
1 Port HDMI receivers decompress the HDBaseT signal and transmit it again in its original format, which allows the HD output to be transmitted lossless to the HDMI target devices.

Receivers which can receive HDBaseT signals can be found on:
→ Page 49, No. 38118



6 HDMI TARGET DEVICE
Digital signage contents or other Full HD video and audio signals can be sent to video screens, projectors, touch screens and video converters.

7 NETWORK EQUIPMENT
Fast Ethernet connection option via RJ-45 patch cables for network devices for integrating very remote systems to an existing Ethernet network and for remote control, e.g., IP switch sockets.

IP switch sockets in various configurations can be found on:
→ Page 110, No. 32672



8 IR REMOTE CONTROL
Remote control with the aid of IR emitters and IR receivers.

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COST-EFFICIENT SOLUTIONS

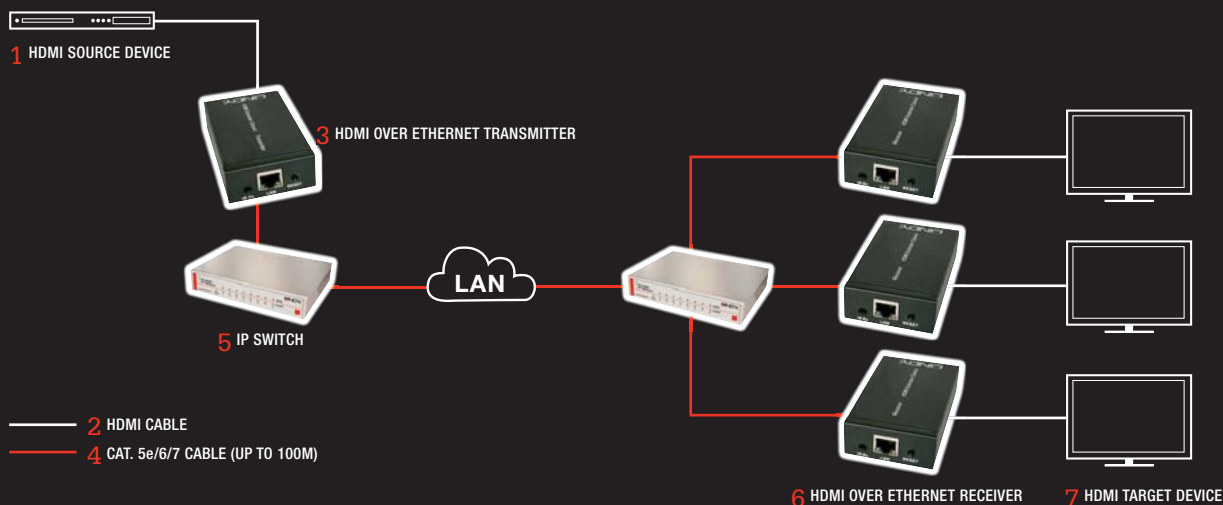
HDMI OVER ETHERNET EXTENDER

REQUIREMENTS: HD video and audio content is sent over broad distances to a large number of displays in a network, in broadcast or multicast applications. Such installations must be able to be integrated quickly and efficiently to avoid expensive dedicated connections between the source and target device.

ONE-TO-ONE SOLUTION



ONE-TO-MANY SOLUTION



SOLUTIONS: The new HDMI over Ethernet extenders are designed by LINDY to meet these requirements. The cost-efficient broadcast solution allows an HDMI signal transmission with HDCP support in full 1080p. It works both in the so-called one-to-one and one-to-many configurations. If only one receiver is used with a transmitter, the solution will function as a pure extender in one-to-one mode.

With this solution in this basic point-to-point connection, distances of up to 100m between source and target device can be bridged with a Cat. 5e/6/7 cable. If you connect transmitters and receivers via one or more network switches, initially larger distances can be implemented as the bridgeable distance increases by an additional 100m with each network segment. Secondly, additional receivers can also be integrated into the system via switches. This automatically results in a one-to-many application.

PRODUCTS IN USE

1 HDMI SOURCE DEVICE

A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLE

Between source device & transmitter and between receiver & target device, HDMI cables can be used with an effective clamping mechanism (friction locking) for secure connections.

We recommend the following, bridge the first and last distance between source device and transmitter and between receiver and target device:

→ Page 241, No. 41441



3 HDMI OVER ETHERNET TRANSMITTER & RECEIVER

The transmitter compresses the HDMI signal from the source device and sends it to a large number of screens at a location of your choice over an Ethernet network. The receivers decompress the signal and emit it as an HDMI signal. One receiver is needed per target device.

Our HDMI over Ethernet Extender 1080p Classic:

→ Page 53, No. 38137
Transmitter & Receiver

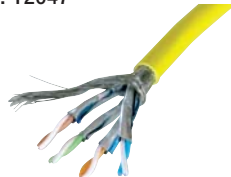


4 CAT.5/6/7 CABLES

Transmission of HDMI signals in Full HD via dedicated Cat. 5/6 cables up to a length of 100m.

Cat. 5/6 cables available in meter units for custom manufacture of network installation cables can be found on:

→ Page 130, No. 12047



Cat.5e/6/7 cables in various configurations and lengths up to 100 meters can be found on:

→ Page 127, No. 44470-44476
Page 129, No. 44460-44466

5 IP SWITCH

A Gigabit enabled 8 port switch provides the IP connection between a transmitter and one or more receivers. Installations with a number of receivers require professional switches with support for the broadcasting protocol, IGMP, jumbo frame and VLAN.

Switches for basic installations with only a few receivers can be found on:

→ Page 114, No. 25045



6 HDMI OVER ETHERNET RECEIVER

Its modular nature allows easy expansion at anytime, simply by adding additional receivers, depending on the requirements of the project. Additional receivers are available separately.

Receivers for HDMI Full HD 1080p resolutions incl. HDCP compatibility suitable for one-to-one/many and many-to-many can be found on:

→ Page 53, No. 38138



7 HDMI TARGET DEVICE

Digital signage contents or other Full HD video and audio signals can be sent to video screens, projectors, touch screens and video converters.

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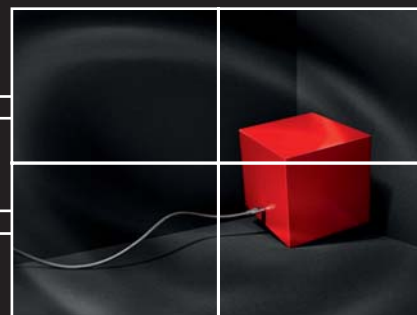
HDMI 2X2 VIDEO WALL MATRIX CONTROLLER

FLEXIBLE MATRIX SOLUTION WITH 3 OUTPUT MODES

REQUIREMENTS: A video wall fitted with HDMI panels needs a flexible and reliable solution for diverse applications. It should be possible to control multiple inputs from different source devices which switch them according to the needed requirement. The outputs need to support functions such as video wall, video matrix or dual-mode (output two input signals on a display via split-screen) with simple installation and intuitive management control.



3a VIDEO WALL MODE



4 HDMI TARGET DEVICE

3b VIDEO MATRIX MODE



4 HDMI TARGET DEVICE

3c DUAL OUTPUT MODE



4 HDMI TARGET DEVICE

SOLUTIONS: The LINDY HDMI 2x2 Video Wall Matrix Controller provides optimal convenience for bringing together different HDMI sources and outputting to three different modes: Video wall, Matrix or Dual. In these modes, 4 HDMI inputs can be switched to 4 HDMI outputs. It can be controlled with the supplied remote control, the front control panel, or the (supplied) controller software via RS-232 or Ethernet. The ideal, flexible solution for digital signage applications, restaurants, schools and colleges, monitoring environments or TV/radio broadcasting buildings.

PRODUCTS IN USE

1 HDMI SOURCE DEVICE

A Blu-ray player, PC, laptop, etc. with an HDMI output can be used as a source.

2 HDMI CABLES

Between source device & transmitter and receiver & target device, friction locking HDMI cables for secure connections.

In order to bridge up to 10m, we highly recommend our CROMO High Speed HDMI Cable with Ethernet.

→ Page 241, No. 41441, length 1m



A suitable selection of HDMI cables in various configurations and lengths can be found on:

→ Page 240-244



3 HDMI 2X2 VIDEO WALL MATRIX CONTROLLER

The HDMI 2x2 Video Wall Matrix Controller distributes the signals from the 4 HDMI source devices to 4 HDMI displays which can be set up in 3 different display modes and controlled via remote control, via the touch panel or via software via RS232 or Ethernet.

→ Page 41, No. 38131



3a VIDEO WALL MODE

This mode displays a single user selectable HDMI source signal distributed onto a 2 x 2 video wall.

3b VIDEO MATRIX MODE

Matrix mode switches each of the connected HDMI source devices to each of the connected displays. These displays can be placed at different locations using LINDY Super Long Distance cables or LINDY extenders.

The use of HDMI Super Long Distance cable solutions specifies a maximum length of 20m. The maximum extension distance with an HDMI Active cable is 30m. At this distance, the direct cable connection supports resolutions up Full HD 1080p and 4K. For a wide range of HDMI Super Long Distance cable solutions, please go to:

→ Page 240-243



HDMI extenders are used to enhance the maximum bridging distance.

Such a solution is usually composed of two main components, the transmitter and the receiver. This means copper or Cat cabling are used to connect the main components when bridging below 100m or Fiber Optics are used in order to reach much greater distances. A wide selection of HDMI Extenders for any distance can be found on:

→ Page 47-54



3c DUAL OUTPUT MODE

Displays 2 HDMI source signals each on one connected display. The outputs are grouped as: Dual A (outputs A & B), Dual B (outputs C & D).

4 HDMI TARGET DEVICE

Digital signage content or other full HD video and audio signals can be sent to video screens, projectors, touch screens and video converters.

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LONG DISTANCE CONNECTIONS

HIGH PERFORMANCE SUPER LONG DISTANCE CABLE SOLUTIONS FROM LINDY FOR A RELIABLE, LOSSLESS DIGITAL HIGH-SPEED DISTRIBUTION OF AUDIO AND VIDEO DATA.

REQUIREMENTS: Digital audio and video transmissions are becoming sharper, clearer and more flexible – but not simpler: high-performance IT, digital signage and AV distribution solutions must be able to transmit huge amounts of data at high speeds to provide the highest resolutions and brilliant audio quality with up to eight channels. State-of-the-art technologies such as 3D or the HD successor 4K also need significantly more bandwidth. Additionally, data transfer that takes place between source and target devices must incorporate the maximum displayable image resolution, including the temporary offset of image and sound, HDMI control commands and copy protection (HDCP).

SOLUTIONS: The quality of the extensive range of LINDY cables goes far beyond these market requirements. However, even such high-quality HDMI, DVI or DisplayPort cables soon reach their physical limits when transmitting large amounts of data with at high speed over distances greater than 20m without quality loss. This scenario occurs, e.g. in conference and training rooms when using large wall displays or ceiling mounted projectors.

In professional environments, it is therefore not sufficient to simply use a longer cable for transmitting the high-resolution and bandwidth-intensive content. During digital signal transmission, as the maximum possible length of the transmission line is approached, no quality loss arises in the terms of color and image anomalies - in contrast to analogue signal transmissions. This continues to be true as long the cable continues to be of good quality and the maximum cable length requirement is kept. Once the maximum possible distance is exceeded, audio and video can completely fail and often without warning.

LINDY's aim when designing its cable range for super long distance applications is to ensure complete backwards compatibility with legacy versions of current AV standards with the best digital transmission quality. To manufacture such cables above a length of 10 m or more is by no means easy. In fact it requires a great deal of technical know-how. To ensure excellent and loss-free signal transmission, LINDY cables come with large core cross-sections, twisted dual pair, maximum 360° shielding with the highest-possible shielding effect to protect against electromagnetic interference and solid Wfull-metal connectors with a safe, reliable connection mechanism.

DISTANCE EXTENSION

To guarantee a reliable operation of event management applications, fixed installation AV and digital signage systems, cables need to meet very high requirements. LINDY super long distance cable solutions can be used up to a maximum length of 20m. HDMI or DVI extenders/repeaters are needed to transmit digital AV signals over longer distances.

Extenders are inserted into a transmission link in order to extend their maximum bridging distance. They usually comprise two components: the transmitter and receiver. They are connected to each other by means of copper cables (usually for connections under the length of 100m) or fiber optic cables (for even larger distances). These are different to repeaters which merely boost an existing AV data signal and act as a simple line repeater. Both solutions, however, can transmit signal faults too. This makes high-quality cables essential for both the connection between the transmitter and receiver and the connections to the source and destination devices.

INTELLIGENT FIBER OPTIC CONNECTIONS

When you need to bridge larger distances, more sophisticated optical technology is needed. We recommend using LINDY hybrid cables or fiber optic extenders. They offer very high performance with data speeds of almost 20 Gigabit per second over maximum distances. This technology represents an ideal transmission method for the large distances required, e.g., for digital signage. This technology is used in medical, military and official environments mainly due to its resistance to interferences. Video data signals, which require the highest available bandwidth, are sent over fiber optic cables. These cables are fully resistant to electromagnetic interference. They can therefore be installed next to other high current cables without problem.

LINDY has minimised the electronics needed for the fiber optic connection system to fit them inside the HDMI connector. At the same time, all signals are only transmitted via a single duplex cable. The HDMI signals are converted into optical light pulses in the sender and converted back to HDMI signals by the receiver. Being able to send high resolution video signals without compression across different links of up to 300m is a day-to-day requirement for many applications. Flexible solutions which can quickly be replaced with variable cable lengths are thus becoming more and more important. Fiber optic cables are the most sensitive part of such an HDMI extender solution. For this reason an additional benefit lies in being able to replace the fiber optics easily and cost-effectively. The new 4K UHD sender and receiver pair is a solution allowing for flexible use of fiber optic connection technology.

DVI SOLUTIONS UP TO 5000M

PRODUCTS IN USE

DISTANCES
UP TO

10m



20m



BRIDGE DISTANCES WITH EXTENDERS

30m



40m



50m



60m



INTELLIGENT FIBER OPTIC EXTENDERS

300m



500m



5000m



- DVI CABLE
- CAT. 5/6 CABLE (< 100M)
- FIBER OPTIC CABLE

1 COPPER BASED EXTENDERS UP TO 25M

Large wire cross section and maximum shielding ensure excellent, lossless video signal transfer from 10m up to 25m.

DVI-D Cable SLD, Single Link, 1920x1200

→ Page 238, No. 41260-41263

DVI-D Cable SLD, Dual Link, 2560x1600

→ Page 238, No. 41285-41287

GOLD DVI-D Cable SLD, Single Link, 1920x1200

In elegant design, ideal for presentations and exhibits.

→ Page 238, No. 37160-37163

GOLD DVI-D Cable SLD, Dual Link, 2560x1600

In elegant design, ideal for presentations and exhibits.

→ Page 238, No. 37155-37158

2 CONNECT WITH EXTENDERS UP TO 60M

DVI Extenders and Repeaters are required when sending digital AV signals over great distances.

2a HDTV & DVI Extender, 1920x1200
→ Page 56, No. 32667

2b DVI Dual Link Extender via DVI-D Cable, 2560x1600
→ Page 56, No. 32670

2c DVI Cat.5 Extender, 1920x1200
→ Page 56, No. 38300
Transmitter and receiver of the extender are connected via Cat5/6 cable.
→ Page 124-129

2d HDTV & DVI Extender via DVI-D Cable, 1920x1200
→ Page 56, No. 32667
The extender is connected via the LINDY Premium DVI-I Coupler to the end device.
→ Page 239, No. 41233

3 FIBER OPTIC CABLE CONNECTIONS UP TO 5000M

LINDY Hybrid Cable or Fiber Optic Extenders offer the highest performance with data rates of up to 20 Gigabit per second at maximum distances. Fiber Optic Cable at this length are specially manufactured by us. Please contact our LINDY Tech Services for more information.

3a DVI-D Extender Fiber Optic, 1920x1200
→ Page 56, No. 38004

3b DVI-D Dual Link Extender Fiber Optic
→ Page 56, No. 38065

3c DVI-D Extender Fiber Optic Single Link
→ Page 56, No. 38064

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HDMI SOLUTIONS UP TO 3000M

PRODUCTS IN USE

DISTANCES
UP TO

10m



20m

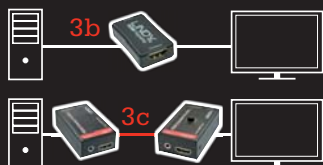


BRIDGE DISTANCES WITH EXTENDERS

30m



40m



50m



100m



INTELLIGENT FIBER OPTIC EXTENDERS

300m



700–
3000m



- DVI CABLE
- ACTIVE CABLE
- CAT. 5/6 CABLE (< 100M)
- FIBER OPTIC CABLE

1 HIGH SPEED COPPER CABLE UP TO 25M

Large wire cross section and maximum shielding ensure excellent, lossless video signal transfer from 10m up to 25m.

- Premium High Speed HDMI Cable up to 4K60Hz
→ Page 241, No. 41110–41114, 41115–41118
- GOLD HDMI Cable with Ethernet up to 4K60Hz
→ Page 240, No. 37850–37858

2 HIGH SPEED ACTIVE CABLE SUPER LONG DISTANCE UP TO 30M

This cable has a built-in amplifier chip and is compatible with HDTV and HDCP. Resolutions up to 4K60Hz is supported.

- Page 47, No. 41052–41055

3 EXTENDER CONNECTIONS UP TO 100M

HDMI Extenders and Repeaters are required when sending digital AV signals over great distances.

- Page 124–130

- 3a HDMI Cat.5/6 Extender Full HD
→ Page 48, No. 38001

- 3b HDMI Extender/Repeater for HDTV Signals up to 4K30Hz
→ Page 47, No. 38015

- 3c HDMI & IR Cat.6 Extender Pro Full HD
→ Page 48, No. 38002

- 3d HDMI Extender/Repeater for HDTV signals
→ Page 47, No. 38015
The extender is connected via the LINDY Premium HDMI Coupler to the end device.
→ Page 47, No. 41230

- 3e HDMI High Speed Extender Classic Cat.6 up to 4K60Hz, with HDBaseT Technology, also transmits RS232, Infrared & Ethernet signals
→ Page 49, No. 38119

- 3f HDMI 4K Digital Signage Extender Premium Cat.6 up to 4K60Hz, with HDBaseT Technology
→ Page 49, No. 38115

4 FIBER OPTIC CABLE UP TO 3000M

Fiber Optic HDMI Extenders and Repeaters are required when sending digital AV signals over great distances.

Fiber Optic Cable at this length are specially manufactured by us. Please contact our LINDY Tech Services for more information.

- 4a HDMI Extender Fiber Optic OM3 up to 4K30Hz, for distances up to 300m
→ Page 54, No. 38170

- 4b HDMI High Speed Extender Fiber Optic up to 4K30Hz, for distances up to 3000m
→ Page 54, No. 38063

DISPLAYPORT SOLUTIONS UP TO 300M

DISTANCES UP TO

10m



20m



40m



BRIDGE GREAT DISTANCES WITH INTELLIGENT FIBER OPTICS EXTENDERS

300m



— DISPLAYPORT CABLE
— FIBER OPTIC CABLE

PRODUCTS IN USE

1 COPPER BASED EXTENDERS SUPER LONG DISTANCE UP TO 20M

Large wire cross section and maximum shielding ensure excellent, lossless video signal transfer from 10 up to 25m.

DisplayPort Cable SLD, 4K, available in lengths of 7.5-20m

→ Page 245, No. 41324-41327

GOLD DisplayPort Cable, 4K, available in lengths of 0.5-20m

→ Page 245, No. 37800-37808

2 REPEATER CONNECTIONS UP TO 30M

LINDY DP Cable SLD DisplayPort repeater transmits signals with resolutions up to 1600p or 2560x1600 at distances up to 40m.

DisplayPort Repeater, 1600p:

→ Page 44, No. 38413

3 4K FIBER OPTIC CABLE UP TO 300M

Fiber Optic DP Extender Duplex Cable with LC connectors transmits DisplayPort signals with resolutions up to 1600p or 2560x1600 with distances of up to 300m.

Transmitters and receivers of these extenders are connected via fiber optic cable. Fiber Optic Cable at this length are specially manufactured by us. Please contact our LINDY Tech Services for more information.

DisplayPort Fiber Optic, 4K:

→ Page 44, No. 38403

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THE FLAG

32 X 32 MODULAR AV MATRIX



SPECIFICATIONS

Inputs	4 input modules each with 8 ports for up to 32 inputs
Outputs	4 output modules each with 8 ports for up to 32 outputs
Supported resolutions	HDMI: up to UHD 4Kx2K@30Hz DVI: up to 1920x1200@60Hz VGA: up to 1920x1200@60Hz (input module only) C6 HDBaseT: up to UHD 4Kx2K@30Hz
Dimensions	49 x 50 x 24 cm (5U)
Power consumption	70 Watt + consumption of installed modules
Operating temperature range	0–50° C
Storage temperature	-20–60° C
Humidity range	20–90% RH none condensing
Audio support	LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio
Compatibility	HDMI 1.4, HDCP 1.4, DVI, VGA, HDBaseT 2.0
Supported EDID modes	Transparent EDID Data, manually adjustable routing of EDID
Power supply	3x IEC 320 connectors
Weight	15kg (22kg incl. accessories and packaging)

SHIP



ASSEMBLY

Tool-free installation of input and output modules via easy thumbscrews, for quick individual change of the modules

OUTPUT MODULE

- Configurable 4 output modules each with 8 ports for up to 32 output ports
- Output module available for HDMI, DVI and HDBaseT

ADMINISTRATION

- Control via front keys and display or via remote IP web interface
- Main matrix processor and web server are on the main control board

POWER SUPPLY

- Modular redundant power supplies, in case the main power supply fails an alarm occurs and the second power supply takes over
- 24/7 up to 500 Watt

INPUT MODULE

- Configurable 4 input modules each with 8 ports for up to 32 input ports
- Input module available for HDMI, DVI, VGA and HDBaseT

SCALABILITY

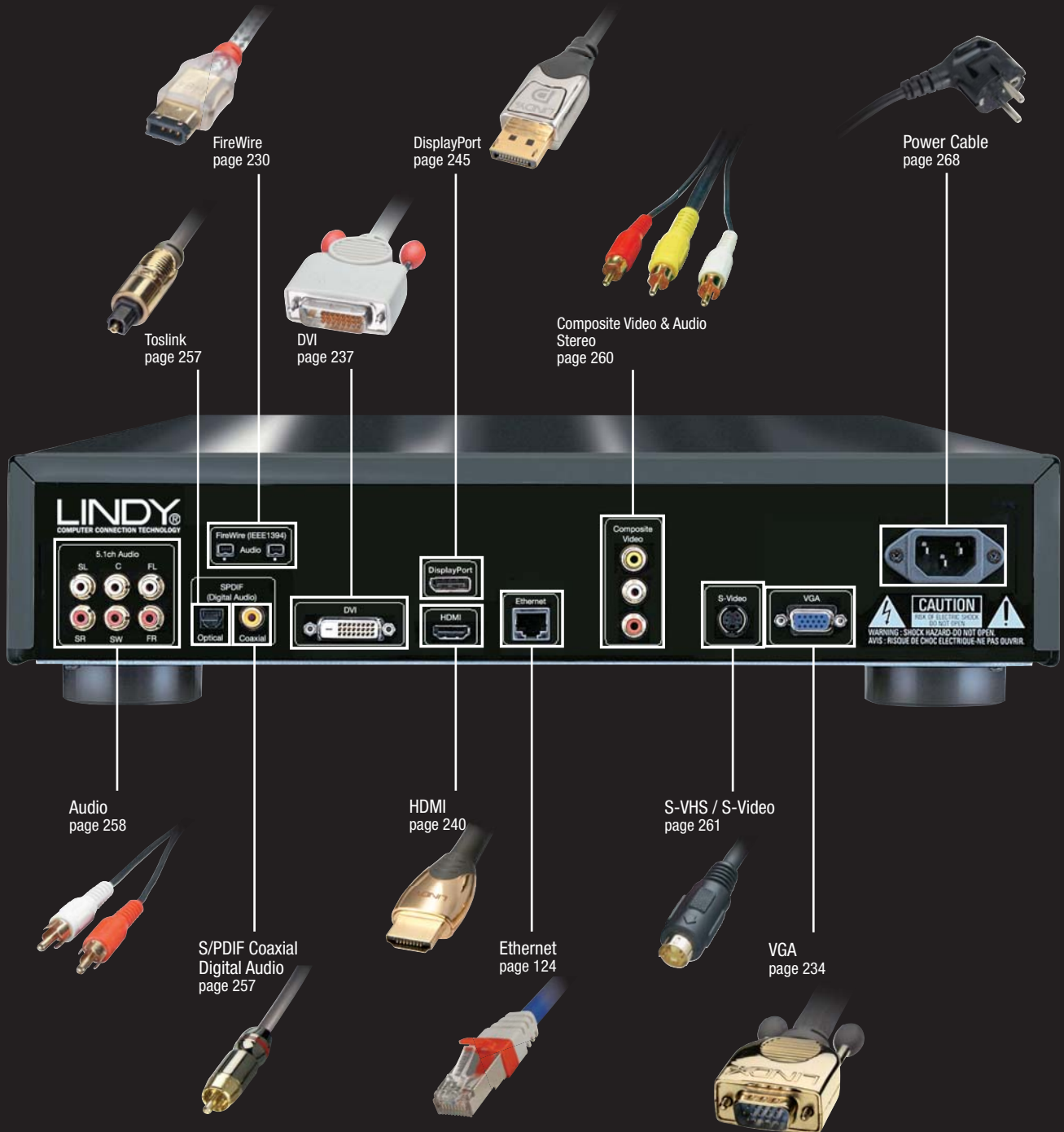
- 8, 16, 24 or 32 inputs to
- 8, 16, 24 or 32 outputs as matrix switch
- Source to end device distance is scalable via the use of HDBaseT modules

SIGNAL CONVERSION

Compute-intensive simultaneous signal conversion of dozens analog or digital input signals to digital outputs in any combination and in real time

AUDIO/VIDEO CABLE GUIDE

OUR AV CABLES ARE AVAILABLE IN STANDARD AND PREMIUM QUALITY IN CHAPTER CABLES & ADAPTERS.



HDMI Splitter Full HD 1080p 2 Port



2 Port

- HDMI 1.4 and 3D compatible
- Excellent price / performance
- Supports HDTV up to Full HD 1080p

38020

HDMI 4K UHD Splitter 3D, 2160p30



2 Port

- HDMI 1.4 and 3D compatible
- Supported resolutions: Full HD 1080p and up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible

38057



4 Port

- HDMI 1.4 and 3D compatible
- Supported resolutions: Full HD 1080p and up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible

38058

HDMI 2.0 4K UHD Splitter Premium 2160p60 HDCP 2.2 - supports 4K Hollywood Video



front & back

2 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Supports resolutions up to 4K@60Hz or 4096/3840x2160p60
- Supports 4K videos with copy protection

38220



front & back

4 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Supports resolutions up to 4K@60Hz or 4096/3840x2160p60
- Supports 4K videos with copy protection

38221



front & back

8 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Supports resolutions up to 4K@60Hz or 4096/3840x2160p60
- Supports 4K videos with copy protection

38222

HDMI 4K UHD Splitter Premium 2160p30



2 Port

- HDMI 1.4 and 3D compatible
- Supports HDTV resolution up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible
- Advanced audio support up to DTS-HD Master Audio

38060



4 Port

- HDMI 1.4 and 3D compatible
- Supports HDTV resolution up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible
- Advanced audio support up to DTS-HD Master Audio

38061



16 Port

- HDMI 1.4 and 3D compatible
- Supports HDTV resolution up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 compatible
- Advanced audio support up to DTS-HD Master Audio

38062

HDMI Switches



front & back

Compact HDMI Switch 2 port 4K Bidirectional - 2:1 or 1:2

- Supports HDMI Full HD 1080p & 3D or 4K UHD up to 3840x2160p30Hz
- HDMI 1.4, HDCP, ARC, CEC and DVI compatible
- Switch between two sources or two displays

38036



Compact HDMI Switch Remote - 3 Port

- Switch between HDMI sources via remote or button on the unit
- Infrared remote control for easy switching
- HDMI 1.4 up to 4K30Hz

38034



Compact HDMI Switch Remote - 5 Port

- Switch between HDMI sources via remote or button on the unit
- Infrared remote control for easy switching
- HDMI 1.4 up to 4K30Hz

38035



HDMI 2.0 4K UHD 3:1 Switch with HDCP 2.2

- Supports 4K UHD resolutions up to 4096x2160@60Hz, 2160p60 and 3D
- HDMI 2.0 and HDCP 2.2 compatible

38223



HDMI 2.0 4K UHD 5:1 Switch with HDCP 2.2

- Supports 4K UHD resolutions up to 4096x2160@60Hz, 2160p60 and 3D
- HDMI 2.0 and HDCP 2.2 compatible

38224



HDMI 4K UHD 4:1 switch with PIP function

- Supports 4K UHD resolutions up to 4096x2160p30Hz, 1080p120Hz and 3D according to HDMI 1.4 specs
- PIP - picture-in-picture function

38151



HDMI 4K UHD 4x2 Matrix Switch 3D

- Supports 4K UHD resolutions up to 4096x2160p30Hz, Full HD 1080p120Hz and 3D according to HDMI 1.4 specs
- Supports HDCP 1.4
- Switching via remote control and buttons on the unit

38049

HDMI Matrix Switches



HDMI 4K UHD 6x2 Matrix Switch, with PiP function and MHL support

- Supports 4K UHD resolutions up to 4096x2160@30Hz (2160p30), 1080p120Hz & 3D according to HDMI 1.4 spec
- PIP – picture-in-picture function
- Input 6 supports MHL 2.0 function via passive MHL cable
- Output A supports ARC

38048



4x4 HDMI 4K UHD Matrix Switch Professional

- Switch between 4 HDMI inputs to any of the 4 HDMI outputs
- Supports resolutions up to 4K UHD 2160p30Hz
- Switching via remote control and buttons on the unit and via RS232
- HDMI 1.4, HDCP 1.4 and DVI compatible

38152



8x8 HDMI 4K UHD Matrix Switch Professional

- Allows switching between 8 HDMI/DVI signal sources to 8 HDMI/DVI monitors/projectors
- Switching via remote control and buttons on the unit and via RS232 or via IP – switching software included
- Supports HDTV up to 4K@30Hz, increased color depth up to 36/12 Bit, HDMI 1.4, DVI-D & HDCP 1.4 compatible

38052

HDMI 2x2 Video Wall Matrix Controller 4 Port



- 4x4 HDMI Matrix Switch or 2x2 scaler mode
- Video wall – scales one HDMI input to 2x2 video walls
- Matrix – independently between all 4 in and outputs

38131

HDMI 2x2 Video Wall Controller 1 Port Full HD 1080p



- 2x2 Video Wall Scaler Full HD 1080p
- Scales an HDMI signal to a 2x2 video wall

38134

Quad HDMI PIP Scaler - combines 4 HDMI signals



- Configurable HDMI 4 in 1 Video processor with quadrant or PIP function and Chromakey Green Boxing
- Combines 4 HDMI signals to one, output in 1080p
- Freely configurable: quadrant display, picture-in-picture (PiP), overlay Green Boxing (Chroma) changeable window sizes/positions
- Seamless switching

38130

HDMI 2x2 Video Wall Controller 1 Port 4K UHD



- 2x2 Video Wall Scaler 4K UHD, HDMI 1.4
- Scales HDMI 4K UHD signals to a 2x2 video wall with 1080p display

38135



FIND VIDEO WALL EXTENDERS ON PAGE 53

... latest products at LINDY.com

Modular AV Matrix 4K Digital



NEW

4K
ULTRA HD



NEW

4K
ULTRA HD



NEW

4K
ULTRA HD



Modules are not included

8x8 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 8 input and 8 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38252

16x16 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 16 input and 16 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38251

32x32 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 32 input and 32 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38250

Input Modular Boards

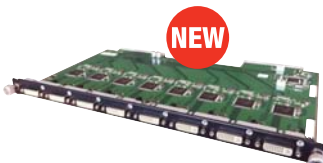


NEW

8 Inputs HDMI 4K UHD

- HDMI 1.4 compatible, 2160p30

38253



NEW

8 Inputs DVI-D Single Link

- DVI-D Single Link up to 1920x1200

38255



NEW

8 Inputs VGA und Audio

- VGA up to 1920x1200
- 3.5mm stereo inputs

38257



NEW

8 C6-100m Inputs HDBaseT 5 Play

- HDBaseT up to 4K30 with support for PoH, RS232 and Ethernet

38258

Output Modular Boards



NEW

8 Outputs HDMI 4K UHD

- HDMI 1.4 compatible, 2160p30

38254



NEW

8 Outputs DVI-D Single Link

- DVI-D Single Link up to 1920x1200

38256



NEW

8 C6-100m Outputs HDBaseT 5 Play

- HDBaseT bis 4K30 with support for PoH, RS232 and Ethernet

38259

HDBASET STAND-ALONE TRANSMITTER AND RECEIVER ON PAGE 49

... latest products at LINDY.com



Wireless WHDI Extender for HDMI Signals

LEARN MORE → 24



- Wireless transmission over distances of up to 30m
- Transmitter with 2 HDMI inputs, remote control switchable
- WHDI 5GHz technology, even through walls
- Supports HDTV resolutions up to Full HD 1080p and 3D
- Built-in IR sensor for remote control of the signal source

38125

AV to HDMI Presentation Switch

NEW



- 4 different AV inputs – 1 HDMI output
- Switches automatically and scales 5 input signals to 1080p: HDMI (DVI), Mini-DP, VGA or Composite Video & Stereo
- Stand-alone metal housing with table mountable brackets

38270

HDMI Switch/Scaler/Converter Remote



- 5 different inputs - one HDMI output
- Switches and scales 5 signal inputs: HDMI, VGA, RGB, component video, composite video, S-Video/SVHS, stereo audio, digital audio S/PDIF
- Supports up to Full HD 1080p HDMI
- Infrared remote control for convenient switching

32596

Conference Table Box AV-HDMI Presentation Switch

NEW



- 4 different AV inputs – 1 HDMI output
- Switches automatically and scales 5 input signals to 1080p: HDMI (DVI), Mini-DP, VGA or Composite Video & Stereo
- Allows recessed installation with cover

38271

HDMI M/F Power Injector Adapter with USB Type A

NEW



- Injects an additional 5V power into an HDMI cable connection

41080

HDMI 1.4 Surge Protector

NEW



- Supports HDMI up to 4K30
- Against anti-static discharge, lightning surge and electrical transient bursts

73312

HDMI 480-1080p Upscaler Adapter to 1080p-4K60 HDMI 2.0

4K ULTRA HD HDMI 2.0 HDCP 2.2

NEW



- Supports HDMI outputs up to 4K with 60Hz
- VRS® ClearView Technology

38069

HDMI 4K Audio Extractor with HDMI Bypass

4K ULTRA HD

front & back



- Supports HDMI up to 4K
- HDMI input and output (bypass)
- Optical S/PDIF and analog RCA audio output

38097

HDMI 4K Audio Extractor TosLink with HDMI Bypass

NEW

front & back

4K ULTRA HD



- Supports HDMI up to 4K30
- HDMI input and output (pass through)
- Optical S/PDIF TosLink output

38068

Lip Sync-Box



- Corrects the common issue caused by analog audio signals being faster than digital video and audio
- Adjustable audio delay from 0 – 300ms (8 settings)
- In & output ports: analog stereo

70449

DisplayPort Extender over Fiber 200 m MPO



- Supports DisplayPort 1.2 singals up to 4K@60Hz with DPCP and HDCP 1.4
- Uncompressed transmission, 1:1 in full bandwidth
- Connect via standard MPO multi-mode cable up to 200m

38403

DisplayPort 1.2 DP++ Extender / Repeater, 40m



- Supports DisplayPort resolutions up to 1600p or 2560 x 1600 and cable lengths up to 20m, input and output
- Supports DisplayPort resolutions up to 4K60Hz and cable lengths up to 5m, input and output
- DisplayPort 1.2a, Dual Mode DP++ compatible

38413

DisplayPort Splitter



38404



38402



- Supports cable lengths up to 10m at the input and output
- 38404: DisplayPort 1.1a, DPCP and HDCP 1.3 compatible, resolutions up to 2560x1600@60 Hz, Full HD 1080p, 4K@30Hz
- 38402: DisplayPort 1.2a, DP++ and HDCP 1.4 compatible, resolutions up 4K@60Hz, Full HD 1080p up to 240 Hz

1:2 DP 1.2 with MST function

38402

1:4 DP 1.1a

38404

DisplayPort Switch 2 port



- Supports HDTV resolutions up to 2560x1600@60Hz and 4K@30Hz, DP 1.1
- Dual Mode DP++ compatible, supports adapters to HDMI/DVI/VGA
- Includes IR remote

38410

DisplayPort 1.2 Extender / Repeater 17.5 m



- Supports DisplayPort 1.2 resolutions up to 4K@60Hz, HBR 2
- Cable lengths up to 10m (input) and 7.5m (output) at 4K60
- Use LINDY 38413 when working with resolutions at 4K30 or lower
- Dual Mode DP++ is not supported, not for DP to HDMI/DVI/VGA adapters

38412

4K DisplayPort 1.2 to 4x HDMI Video Wall Processor



- High Performance DisplayPort 1.2 Video processor with multiple output options such as 2x2 video wall, duplication, extended desktop, and expander/Eyefinity function
- Converts a 4K DisplayPort signal with 3840x2160 to a 2x2 HDMI video wall signal with 4x Full HD 1080p

38418

DisplayPort/mDP to 2x HDMI Expander Splitter



- Expander View Technology outputs via a single DP source an extended desktop to two HDMI outputs
- Supports HDMI up to 1920x1200p60 per connected monitor

38409

DisplayPort Switch 2 Port



- Supports HDTV resolutions up to 4K@60Hz
- Cable length up to 5 m in/2m out at 4K60 or 15m in/out at 4K30
- DisplayPort 1.2 und Dual Mode DP++ compatible

38411

USB 3.0 4K DisplayPort Adapter



- Supports 4K resolutions up to 3840x2160@30Hz
- Supports audio transfer via DisplayPort
- DisplayLink Technology

For more USB display adapters with HDMI, DVI and VGA ports, please go the USB chapter or visit us online.

43174

HDMI to DisplayPort Converter



- Converts HDMI to DP
- Supports HDMI up to 4K (3840x2160p30) or DVI up to 1920x1200

1 m	2 m	3 m
41485	41486	41487

HDMI to DisplayPort Converter



- Converts to DP
- Supports HDMI up to 4K (3840x2160p30) or DVI up to 1920x1200

38146

Thunderbolt Cable



- Male/male (20 pin Mini DP)
- Dual Channel, Thunderbolt 2
- Data transfer rate 10Gbit/s per channel
- Chipset: Gennum

0.5m	1 m	2 m	3 m
41710	41711	41712	41713

Mini DisplayPort to Dual Port, active



Mini DP to 2x DVI Adapter	41731
Mini DP to 2x HDMI	41732

Mini DisplayPort & DisplayPort Adapter 4K



Mini DP to HDMI 4K30 / DVI / VGA	41 035
Mini DP to DP 4K60 / HDMI 4K30 / DVI	41 039
Mini DP to HDMI 4K & VGA, active	41 726

Mini DisplayPort & DisplayPort Adapter



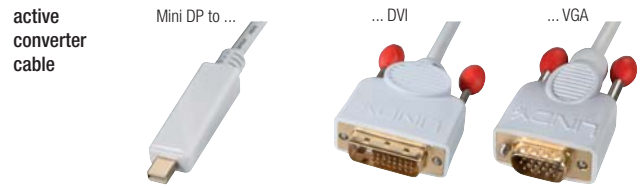
DP & Mini DP to DVI Dual Link female	41 038
Mini DP to HDMI & DVI-D & DP female	41 049
Mini DP to VGA, HDMI & DVI-D female	41 050
Mini DP to VGA & HDMI female	41 043

Adapter Cable DisplayPort to HDMI, DVI or VGA



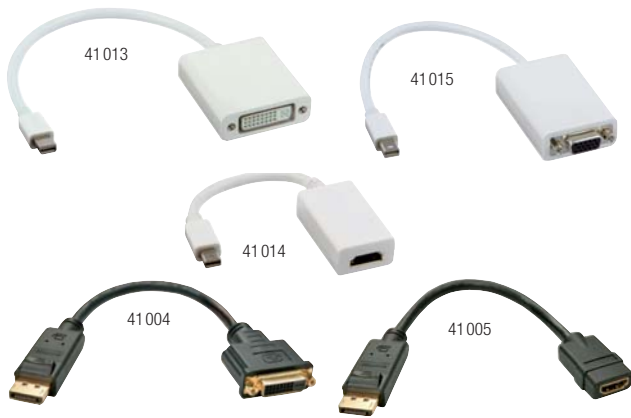
	0.5m	1m	2m	3m	5m
DP male / DVI male	-	41490	41491	41492	41493
DP male / VGA male	-	41470	41471	-	41473
DP male / HDMI male	-	41480	41481	41482	41483
DP male / HDMI male, 4K 30Hz	NEW	41715	41716	41717	-
Mini DP male / HDMI male, 4K 30Hz	NEW	41720	41721	41722	-

Adapter Cable Mini DisplayPort to DVI or VGA, white or black



	1m	2m	3m	5m
Mini DP / DVI, white	41495	41496	41497	-
Mini DP / VGA, white	41475	41476	41477	-
Mini DP / DVI, black	41695	41696	41697	41698
Mini DP / VGA, black	41685	41686	41687	41688

Short Adapter Cable DisplayPort



Mini DP to DVI-D	41013
Mini DP to HDMI	41014
Mini DP to VGA	41015
DisplayPort to HDMI	41005
DisplayPort to DVI	41004

Eyefinity / Surround / Collage Adapter Cable



Mini DP to DVI-D, active	41723
Mini DP to HDMI, active	41724
Mini DP to VGA, active	41725
DisplayPort to DVI-D, active	41011
DisplayPort to VGA, active	41006

Short Adapter Cable DisplayPort 4K



Mini DP 1.2 to HDMI 4K 30Hz, active	41728
DP 1.2 to HDMI 4K 30Hz, active	41728
Mini DP 1.2 to HDMI 4K 30Hz, passive	41719
DP 1.2 to HDMI 4K 30Hz, passive	41718

Mini DisplayPort / DisplayPort Adapter



DisplayPort Coupler	41020
Mini DP Male to DP female	41022
DP male to Mini DP female	41060
DP male to Mini DP female	41089 front & back



LINDY HAS A WIDE RANGE OF AV EXTENDERS FOR INDIVIDUAL SIGNAL TYPES AS WELL AS FOR KVM SIGNALS

CABLE FOR DIGITAL VIDEO SIGNALS (HDMI, DVI, DP)

are able to send in the highest quality, but only up to 20m. Starting with 20m, a signal repeater can be used. This does not affect the signal quality in any way. Such devices allow you to achieve up to 60m optimal video quality and compatibility. HDMI cables such as 41054 (25m) with integrated extender chip are such devices, but transmit the signal in only one direction!

WHDI EXTENDER – HDMI VIA "WIFI"

WHDI extenders transmit HDMI signals wirelessly. Using a MIMO 5GHz radio, the WHDI Wireless Extender provides full support for Full HD 1080p, HDCP, multi-channel audio and IR remote control. Full HD 1080p signals are extended up to 30m, without compression or latency, just as if you were using a cable!

1m → 60m

EXTENDER SYSTEMS WITH CAT.5/6 TECHNOLOGY

can bridge distances of up to 200m, but always convert the original signal and have to emulate EDID for proper display. This is a disadvantage in terms of compatibility and image quality, but is often the best solution in terms of cost.

20m → 200m

EXTENDER SYSTEMS WITH HDBASET TECHNOLOGY

sends HDMI signals up to 1000m, uncompressed and without quality loss. Cascadable, but cost more than your typical Cat.5/6 Extenders.

20m → 1000m

FIBER OPTIC EXTENDER

For distances up to hundreds and even thousands of meters, Fiber Optic Extenders are the only alternative. Most systems sold by LINDY transmit the video signals uncompressed, in original full bandwidth and unchanged image quality. Digital HDCP/DPCP content protection restricts these extenders to 1000m.

20m → 5000m

EXTENDER OVER IP – DIGITAL SIGNAGE

Gigabit Extender over IP is not range limited, but in most cases use an adaptive compression technology. A high bandwidth connection results to quite an impressive picture quality, this is due to the adaptive compression being used. Image content that have fast movements or have dynamic content are compressed differently than static desktops.



HDMI Extender / Repeater



41 230



38015

- Supports HDCP video signals
- Supports all HDTV resolutions up to 1080p, DVI-D up to 1920x1200
- Supports cable length up to 30m (input) + 20m (output) at 1080p and 20m (input) + 15m (output) at 4K30
- Not cascadable

HDMI Extender	38015
HDMI Coupler	41 230

HDMI Active Cable, up to 30m

HDMI Type A male / male

- Active cable with integrated amplifiers

41 345 &
41 346

41 052–
41 055



Source

Monitor



Source

Monitor

	10m	15m	20m	25m	30m
HDMI 1.4 Active cable 1080p/4K30	–	41 052	41 053	41 054	41 055
HDMI 2.0 Active cable 4K60	41 345	41 346	–	–	–

**SUPER LONG DISTANCE
HDMI CABLE UP TO 20M, PAGE 240**

... latest products at LINDY.com



Wireless WHDI Extender for HDMI Signals



Extender solution for wireless HDMI transmission - perfect for high resolution graphic display with absolutely smooth video playback!

- WHDI 5GHz technology over distances of up to 30m, even through walls
- Supports Full HD 1080p and 3D, HDCP
- Built-in IR sensor for remote control of the signal source
- Transmitter with 2 HDMI inputs, remote control switchable

38125

HDMI 4x4 Matrix with Cat.6 Extender Receivers



- 4 HDMI inputs – 4 outputs independently switchable
- Each output runs parallel as HDMI & Extender
- 4 Extender Receiver units for 50m included
- HDMI 1.4, up to 4K30 & 3D

38143

HDMI & IR Cat.6 Extender 50m



- Transmits 1080p & 3D & IR remote control signals
- Connect via high quality Cat.6 S/FTP cable up to 50m

38142

HDMI & IR Cat.6 Extender Premium 80m



- Transmits 1080p and 3D up to 80m, with Cat.7 installation cable, up to 100m
- Transmits IR remote control signals bidirectionally
- Connect via high quality Cat.6 S/FTP or UTP cable up to 80m

38009

HDMI Cat.6 Extender



HDMI Cat.6 Extender Classic 30m

- Full HD 1080p & 3D
- HDMI 1.2 and HDCP compatible
- Via two inexpensive, shielded Cat.6 RJ45 cable
- Requires power via HDMI

38024

HDMI Cat.6 Extender 30m

- Full HD 1080p & 3D
- HDMI 1.2 and HDCP compatible
- Via two inexpensive, shielded Cat.6 RJ45 cable
- Includes power supply

38023



HDMI & IR Cat.6 Extender Pro 40m

- Transmits 1080p & IR remote control signals
- Connection of high quality Cat.6 S/FTP cable up to 40m

38002

HDMI Cat.5/6 Extender 35m

- Connection via high quality Cat.6 S/FTP cable up to 35m
- Full HD 1080p, HDMI 1.2, HDCP 1.1 & DVI 1.0 compatible

38001

HDMI Cat.6 Extender System Classic

- Transmits 1080p up to 40 meters over Cat.5/6 cable
- Supports 3D and increased color depth up to 30m



1 Port Transmitter 40m

- HDMI input, up to 15m cable length
- Cat.5/6 output

38110

8 Port Splitter/Transmitter 40m

- HDMI input, up to 15m cable length
- 8x Cat.5/6 output

38111

1 Port Receiver 40m

- Cat.5/6 input
- HDMI output (up to 15m cable length)

38112

1 Port Repeater 40m

- Cat.5/6/7 input und HDMI input, switchable
- 1x Cat.5/6 output

38109

HDMI 4K UHD Digital Signage Extender C6 100m



Extender with HDBaseT 1.0 Technology

- For high resolution displays and smooth video
- HDMI 1080p 3D, 4K UHD 2160p30, HDCP 1.4 and DVI compatible
- Also transmits RS232, 10/100Base-T Ethernet and IR via dedicated Cat.6 cable to 100m, cascadable
- IR Transmitter and IR Receiver cable

38115

HDMI 4x4 Matrix Switch and Extender Premium C6 100m PoE



HDMI 4x4 Matrix Switch & Transmitter Premium C6 100m with HD BaseT 1.0 Technology

- HDMI 4x4 matrix switch with 4 HDBaseT outputs
- Sends HDMI up to 1920x1200, 1080p 48 Bit, incl. 1080p 3D, IR remote, RS232 and PoE Ethernet with HDBaseT technology
- 4 HDMI inputs, 4 HDBaseT outputs, switch via IR remote control and Web GUI, Ethernet, RS232, Telnet
- 2 HDMI monitor outputs for ports 1 and 3

38216



Receiver C6 100m Premium PoE

- HDBaseT signal receiver and outputs HDMI
- Supports IR-remote bidirectional or RS232, 10/100 Base-T Fast Ethernet and PoE via Cat.6 up to 100m
- For all HDBaseT transmitters, for 4x4 Matrix
- Supports HDTV resolutions up to 4K or Full HD 1080p, increased color depth 24/36/48 Bit and 3D signals incl. 1080p 3D

38218

Modular HDMI C6 Extender System with HDBaseT 1.0 Technology

- Transmits high resolution HDMI signals over distances up to 100m
- Supports 4K Full HD 1080p, 3D, and increased color depth to 48bit
- Connection via dedicated Cat.5/6 cable - not for Ethernet network
- Additionally transmits IR remote control signals and Ethernet



1 Port Transmitter C6 100m for HDBaseT Signal

- Input: 1x HDMI, 2x RJ45 Ethernet
- Output: 1x HDBaseT RJ45, 1x IR OUT

38019



4 Port HDMI C6 Splitter/Transmitter for HDBaseT

- Input: 1 HDMI, 2x RJ45 Ethernet
- Output: 4x or 8x HDBaseT RJ45, 1x IR

38116



8 Port HDMI C6 Splitter/Transmitter for HDBaseT

- Input: 1 HDMI, 2x RJ45 Ethernet
- Output: 4x or 8x HDBaseT RJ45, 1x IR

38117



HDMI Extender Set C6 100m (TX & RX)

- HDMI Full HD 1080p, 3D, HDCP, HDTV and DVI compatible
- Supports HDTV resolution up to 1080p with increased color depth up to 36/12 Bit
- Supports also DVI-D up to 1920x1200

38119



1 Port Receiver C6 100m for HDBaseT

- 1x HDBaseT RJ45 input, 1x IR in
- Output: 1x HDMI, 2x Ethernet RJ45

38118



1 port Receiver C6 70m wall outlet module for HDBaseT

- For wall socket installation 146x86
- Input: 1x HDBaseT RJ45, 1x IR
- Output: 1x HDMI, 1x IR in & 1x IR out

38114

HDMI 2.0 EXTENDER NEW HORIZONS

The development time and release interval of new A/V products has been getting shorter these past years. Standardization bodies have been releasing new standards for defining new rules on how higher resolutions, color depths and technical refinements for 3D and HDCP are implemented. These new specifications greatly affect maximum cable distance and transmission quality. Current displays and consoles which use these new standards and requirements must continue to function reliably over great extended distances from the source device.

The C6 HDMI 2.0 Extender is designed to transmit uncompressed HDMI 2.0 signals up to 100m by using HDBaseT 2.0 technology. It supports HDMI resolutions up to 4K@60Hz with increased color depth of up to 12bits/color channel. The transmitter and receiver is connected via a dedicated Cat.6 RJ45 cable. Additional USB 2.0, RS232, 10/100Base-T Fast Ethernet and IR remote control signals are also transmitted bi-directionally. This allows complete KVM workstations to be extended up to 100m from the computer, this with the highest possible resolution, color depth and according to the latest standards.



HDMI 2.0 C6 Extender with HDBaseT 2.0 Technology

- Transmits high resolution HDMI 2.0 signals up to 4K60 up to 100 m
- Supports 4K with 60Hz, 3D and increased color depth
- Connection via dedicated Cat.6 cable - **not for Ethernet network**
- Transmits IR remote control signals, RS232, USB 2.0, Ethernet and PoH
- Not compatible with HDBaseT 1.x devices



HDMI 2.0 C6 Extender with HDBaseT 2.0 Technology (Transmitter & Receiver)

38200

HDMI 2.0 C6 Extender with HDBaseT 2.0 Technology, Transmitter



38202 Transmitter



- Transmitter with HDBaseT 2.0 Technology
- Input: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Output: HDBaseT 2.0, IR, USB 2.0, audio digital
- USB 2.0 only for asynchronous USB devices (no webcams etc.)

38202

HDMI 2.0 C6 Extender with HDBaseT 2.0 Technology, Receiver



38201 Receiver



- Receiver with HDBaseT 2.0 Technology
- Input: HDBaseT 2.0, IR, 2x USB 2.0, audio digital
- Output: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Power only via PoH

38201

MODULAR AV MATRIX SYSTEM WITH HDBaseT INPUT AND OUTPUT BOARDS, PAGE 42

... latest products at LINDY.com





VIDEO WALL EXTENDER BIG SCREEN

Modern AV peripherals can do more than just supply images to a single display. Falling prices and increasing performance of graphics cards and displays makes setups consisting of up to 16 monitors and matrix video walls, increasingly popular. However, if you do not want to wire the displays with cumbersome long-distance HDMI cables, you have to find a different solution.

The HDMI Extender over IP Video Wall cleverly uses existing technologies in order to solve this problem. The device uses Ethernet, a high-frequency transmission medium, which nevertheless manages with relatively small Cat.6 cables and even existing network infrastructure. A transmitter supplies up to 16 receivers with HDMI signals. For this purpose, it uses the Ethernet and IP protocol. On a 4 x 4 display matrix, the signal is then controlled by the transmitter resulting to a large video wall display. This is an example of how existing technologies can be used efficiently and innovatively in order to break new grounds.



HDMI & IR Cat.6 Extender 120m

LEARN MORE → 20



Transmitter front & back



NEW

Receiver front & back



- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Supports 1:1 connection and 1:n
- Connection via Fast Ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m
- Uses IP address and broadcast protocols
- Supports IR remote control signals

Transmitter & Receiver	38126
Additional Receiver	38128

HDMI over IP Extender & Distribution System Classic

LEARN MORE → 28



Transmitter front & back



Receiver front & back



- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Supports 1:1 connection and 1:n
- Connection via Fast Ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m
- Uses UPnP protocol
- Supports IR remote control signals

Transmitter & Receiver	38137
Additional Receiver	38138

HDMI DAISY CHAIN Cat.6 Extender



Transmitter front & back



NEW

Receiver front & back



- Ideal for distributing advertising displays in shopping centers, train stations and in public places
- Transmits HDMI signals via direct Cat.6 cabling
- Does not need additional network switches
- Each receiver has a 2 port repeater integrated (chainable)
- Cascadable up to 31 levels
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- A receiver is required for each monitor

Transmitter	38140
Receiver mit 2 Port Repeater	38141

HDMI over IP Video Wall Extender

LEARN MORE → 18



Transmitter 38132

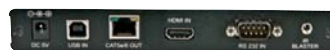


Receiver 38133

- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Can split HDMI signals to several monitors
- Supports video wall up to 8x8 monitors
- Compensates frame width of monitors
- A receiver is required for each monitor
- Configuration and control via Ethernet

Transmitter	38132
Receiver	38133

HDMI & KVM over Gigabit Extender



38066 Transmitter



38067 Receiver

- HDMI via Gigabit Ethernet with KVM support
- HDMI Full HD 1080p via Ethernet
- Both for high resolution graphics as well as for smooth video playback
- Supports 1:1 and 1:n configurations
- Supports transmission of HDMI, USB HID, RS232 and IR signals
- USB support for asynchronous devices such as USB mouse, keyboard, touch screen, not for USB mass storage, memory sticks, webcams or printers
- Transmission over Gigabit or over a dedicated Cat.6 cable

Transmitter	38066
Receiver	38067

HDMI 2.0 Extender 4K60 MPO 200m



Transmitter front & back

Receiver front & back



HDMI 2.0 Extender 200m via MPO

- Up to 200m via MPO cable
- Supports HDMI 2.0 resolutions up to UHD 4K60 and 3D formats
- Uncompressed transmission quality in full resolution, without any loss of quality
- Supports increased color depth (deep color)

38204

HDMI 4K Ultra HD Fiber Optic Extender



Transmitter front & back

Receiver front & back



HDMI Extender 300m Fiber Optic Multi-mode SC Duplex

- Uses multi-mode SC duplex cable up to 300m
- HDMI 1.4 compatible
- Full HD 1080p, 1600p, 4K, HDCP and DVI compatible
- Supports enhanced Deep Color to 48 bit and data rates up to 10.2 Gbit/s
- No image compression, no loss of quality

38003



Transmitter front & back

Receiver front & back

HDMI Extender 3000m / 700m Single Mode LC Duplex

- Uses single-mode LC duplex up to 3000m, or up to 700m with HDCP
- HDMI 1.4 compatible
- Full HD 1080p, 1600p, 4K30, HDCP and DVI compatible
- Supports enhanced Deep Color to 48 bit and data rates up to 10.2 Gbit/s
- No image compression, no loss of quality

38063

DVI-D Fiber Optic Extender



DVI-D Extender Fiber Optic 4x LC 500m

- DVI-D Single Link up to 1920x1200, no HDCP
- Up to 500m via 50/125µm LC Duplex multi-mode
- Transmitter and Receiver in robust metal connector housing
- Uncompressed lossless transmission via 4 LC or two Duplex cable

38301

DVI-D Single Link Extender Fiber Optic LC Duplex 1500m

- DVI-D single link up to 1920x1200, no HDCP
- Up to 500m via 50/125µm LC duplex multi-mode, up 1500m via 9/125µm LC duplex single-mode
- Transmitter and receiver in a robust metal housing
- Uncompressed lossless transmission over a single fiber optic cable

38113

DVI-D Dual Link Extender Fiber Optic MPO 500m

- DVI-D Dual Link up to 2560x1600 up to 500m via 12 wire MPO cable (available separately)
- Transmitter and receiver in a robust metal housing
- Uncompressed lossless transmission over a single fiber optic cable

38106

HDMI Extender Fiber Optic



HDMI Extender 4K Fiber Optic 300m

- Up to 300m via 50/125µm Duplex LC Multi-mode cable
- Supports HDMI resolutions up to 1080p120, 2160p30, 2k, 4K and 1080p3D formats
- Uncompressed lossless transmission
- Supports deep color mode up to 48 Bit / 3x 16 Bit

38170

HDMI 4K and DVI Hybrid Cable up to 150m

- Connection of up to 150m for professional presentation systems
- HDMI Type A metal connector with electronics, not removable
- Optional power supply, power supplies included
- HDMI Version: Supports Full HD 1080p up to 120Hz, 3D and 4K
- DVI-D Version: Supports DVI-D Single Link up to 1920x1200



38370-38379



38070-38079

	20m	30m	40m	50m	60m	70m	80m	90m	100m	150m
DVI-D Version	38370	38371	38372	38373	38374	38375	38376	38377	38378	38379
HDMI Version	38070	38071	38072	38073	38074	38075	38076	38077	38078	38079

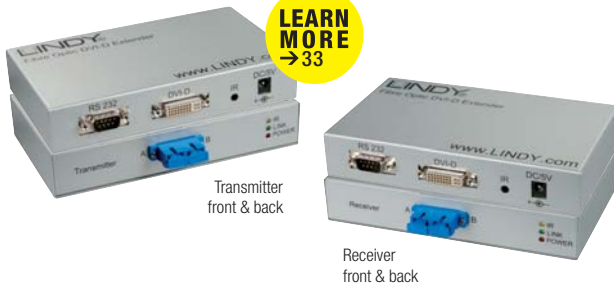
FIBER OPTIC 4K HDMI EXTENDER AS FAST AS LIGHT

1080p, 1080p120, 2160p30, 1080p3D, 2K, and now 4K: The requirements for bandwidth and speed of a signal transmission increases with each new HDMI version. With 4K at 60Hz, a color-sampling ratio of 4:4:4 at 12 bits per color channel, the bandwidth increases to 21.6 Gbit/s. Given these requirements, a conventional (copper-based) extender system will quickly reach its limits.

The fiber optic-based extender systems were specially designed for such scenarios. They take advantage of the higher bandwidth, the much better transmission characteristics and the significantly lower susceptibility of optical media compared to copper-based transmission paths. In contrast to copper cables, fiber optic cables work reliably even when surrounded by electromagnetic interferences. Thus, with the right systems and high quality (because low attenuation) OM3 fibers, you can easily bridge distances of over 300m or even of up to 5000m when using single-mode fibers. To learn about the characteristics of a fiber optical cable, look at the so-called bandwidth-length product, which is a measure for the performance of an optical fiber.



DVI-D Fiber Optic 300m / 5000m Extender



Transmitter front & back

Receiver front & back

- DVI-D single link compatible, resolution up to 1920x1200
- No image compression, no loss of quality, transmission of uncompressed signals with full bandwidth
- Supports transmission of IR and RS232 signals
- **Model 38004:**
 - Connection via one fiber optic SC duplex multi-mode cable up to 300m
 - Full HD 1080p, HDTV and HDCP compatible
- **Model 38064:**
 - Connection via one fiber optic SC duplex multi-mode cable up to 5000m
 - Full HD 1080p compatible – no HDCP

Fiber Optic DVI Extender 300m Premium (Multi-mode)	38004
Fiber Optic DVI Extender 5000m Premium (Single-mode)	38064

DVI-D Dual Link Fiber Optic 500m Extender



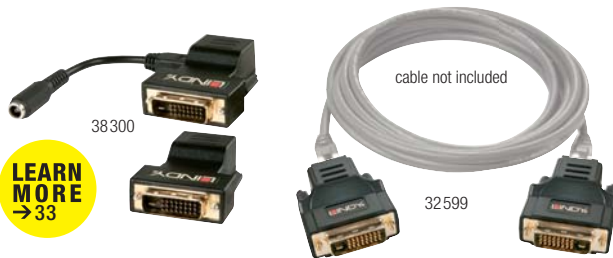
Transmitter front & back

Receiver front & back

- Lossless transmission in original quality
- Uses 4x LC cable: special cable or 2x Duplex with identical length
- DVI-D dual link resolutions up to 2560x1600
- EDID Clone function
- Supports audio through 3.5mm connectors
- Transmit RS232 via Sub-D 9 pin connector

38065

DVI-D Cat.6 Extender



38300

32599

- Sends DVI signals via Cat.6/6A/7 RJ45 cable up to 50 m
- Max. distance depending on signal source quality and RJ 45 cable
- 32599: 1920x1200@60Hz up to 15 m with Cat.6A S/FTP
- 38300: Active Extender with repeater
1920x1200@60Hz up to 50 m with Cat.6A S/FTP

DVI Cat.6 Extender Classic 15m	32599
DVI Cat.6 Extender Active 50m	38300

IR Kit for Fiber Optic Extender



- Transmits the additional signals of an IR remote control
- IR sensor connects to receiver unit with 1m cable
- IR sensor connects to transmitter unit with 1m cable

38006

DVI Extender / Repeater



LEARN MORE -> 33

DVI Single Link Extender / Repeater 60m

- Supports DVI-D up to 1920x1200, HDTV up to 1080p with audio and HDCP
- Supports cables with up to 60m using LINDY DVI SLD cable

32667



DVI Extender Dual Link Extender / Repeater 40m

- Supports DVI-D dual link up to 2560x1600
- Supports cables with up to 40m using LINDY DVI SLD cable

32670

DVI & HDTV Splitter, HD-Ready

- Supports all DVI-D single link resolutions up to 1920x1200 and HDTV resolution up to Full HD 1080p
- HDTV and HDCP compatible, HD Ready
- Supports cable lengths up to 25m with LINDY SLD cable



DVI & HDTV Splitter HD-Ready 1:2

- 1 input – 2 outputs

32447



DVI & HDTV Splitter HD-Ready 1:4

- 1 input – 4 outputs

32446



DVI & HDTV Splitter HD-Ready 1:8

- 1 input – 8 outputs

38108

DVI Splitter Dual Link



DVI Splitter Dual Link, 2 Port

- Ideal for professional applications and the medical industry
- Supports DVI-D dual link resolutions up to 2560x1600
- Supports cable lengths of up to 15m using LINDY Premium or GOLD DVI-D dual link SLD cable

38107



DVI Splitter Dual Link, 4 Port

- Ideal for professional applications and the medical industry
- Supports DVI-D dual link resolutions up to 2560x1600
- Supports cable lengths of up to 15m using LINDY Premium or GOLD DVI-D dual link SLD cable

38104

8x8 DVI Matrix Switch



- Connects up to 8 DVI devices to 8 HDTV displays or projectors
- Device selection by push button or infrared remote control, remote RS232 or USB connection – switch software included
- Supports DVI-D single link resolution up to 1920x1200
- Supports HDTV up to Full HD 1080p and DVI 1200p
- Supports cable lengths of up to 10m at the inputs

38089

DVI & Audio HDTV Switch Remote 4:1



- Switches between 4 DVI and audio sources
- Resolutions: DVI-D up to 1920x1200, HDTV up to 1080i/p with HDCP
- Supports analog audio signals via 3.5mm stereo connectors

38032

EDID/DDC Emulator HDMI/DVI/VGA



- Emulates EDID/DDC data continuously
- Clones monitor EDID/DDC data or uses built-in profiles
- Power via DVI connector, AC adapter or USB (not included)

EDID/DDC Emulator for DVI-D	32106
EDID/DDC Emulator for VGA	32107
EDID/DDC Emulator for HDMI	32108

EDID/DDC Emulators for VGA/DVI/HDMI Adapter



- The system consists of individually available emulator adapters as well as a clone and programming device
- HDMI, VGA or DVI-D emulator adapter with pre-stored EDID/DDC data (resolutions and timings see website)
 - The programmer reads the needed EDID/DDC data from a monitor and stores the data in to the emulator adapter

VGA EDID/DDC Emulator Adapter	32101
DVI-D EDID/DDC Emulator Adapter	32102
HDMI EDID/DDC Emulator Adapter	32103
Programmer device for Emulator Adapter	32100

Wireless IR Extender



- Transmits IR remote control signals as RF signals over distances of up to 30m indoors / 100m outdoors

38105

IR over Cat.5 Extender Kit



- Transmits IR signals via a Cat.5 cable
- Kit includes 1x IR Sensor, 1x RJ45 Transmitter, 1x RJ45 Receiver and 1x IR Emitter, 1x power supply for Transmitter
- 3 additional IR Emitter (38016) can be connected
- Supports Cat.5 distances up to 450m

38018

IR over HDMI Cable Transmitter Kit



- Transmits IR signals over HDMI cable
- Kit includes 1x IR Sensor, 1x HDMI Injector, 1x HDMI Extractor (Splitter) and 1x IR Emitter
- Also supports HDMI Hybrid cable and extender
- Also supports HDMI switch on the signal source side
- 4 outputs for additional IR emitters (1 emitter included)

IR over HDMI Transmitter Kit	38017
Additional IR Emitter for HDMI Transmitter Kit	38016

HDMI or DVI-D to VGA Adapter, active

- Converts HDMI/DVI-D to VGA
- For Ultrabooks etc.



HDMI A male to
VGA female

38191



Mini HDMI C male to
VGA female

38192



Micro HDMI D male to
VGA female

38193



HDMI A male to
VGA female (plug-in-adapter)

38194



DVI-D male to
VGA female

38189

HDMI to VGA & Audio Adapter, active

- Supports resolutions up to 1080p – no HDCP support
- Power supply via HDMI or Micro USB female



HDMI A male to
VGA & Audio female

38185



Mini HDMI C male to
VGA & Audio female

38186



Micro HDMI D male to
VGA & Audio female

38187

HDMI to Video & Audio Converter



- Converts HDMI to analog signals
- Input: HDMI, HDCP not supported
- Output: S-Video, composite video, analog stereo

38093

VGA & Audio to TV Converter Classic



- Converts VGA and Audio Stereo to SVHS, Composite Video and Audio
- SCART compatible
- Supports VGA resolutions up to 1024x768
- Powered by USB port

32570

Video to VGA Converter



- Converts SVHS/Composite Video to VGA signals
- 3 adjustable VGA resolutions:
XGA: 1024 x 768,
SXGA: 1280 x 1024,
UXGA: 1600 x 1200 (PAL and NTSC)

32629

HDMI 1.4 Surge Protector



front & back

- Supports HDMI up to 4K30
- Against anti-static discharge, lightning surge and electrical transient bursts

73312

HDMI Power Injector



- Adds an additional 5V power into an HDMI cable connection
- Via USB power supply or a free USB port

41080

VGA & Audio to HDMI Converter



Photo similar

- Converts VGA video and analog audio to HDMI
- No scaling between input and output
- See website for supported resolutions

38165

DVI-D & Audio to HDMI Converter



Photo similar

- Converts DVI-D video and analog audio to HDMI
- Digitizes audio signals and inserts it into the HDMI signal
- No scaling between input and output
- Supported resolutions 480p, 576p, 720p, 1080i/p@50/60Hz

38164

VGA & Audio to HDMI Converter Cable



- Converts VGA & Stereo to HDMI
- Input: VGA, 3.5mm stereo
- Output: HDMI
- No scaling, power via USB plug

38188

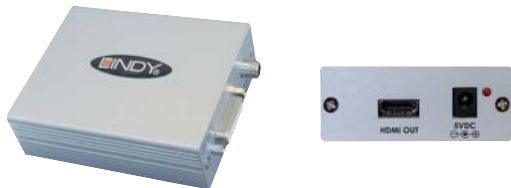
VGA to DVI Converter Cable



- Converts VGA to DVI
- Input: VGA
- Output: DVI-D
- No scaling, power via USB plug

38184

DVI-D & S/PDIF Digitalaudio to HDMI Converter



- The LINDY DVI + SPDIF to HDMI Converter combines digital video (DVI) and digital audio (SPDIF Coaxial) signals into an HDMI output
- Supports DVI-D resolutions up to 1920x1200, no scaling

32559

VGA & Audio to HDMI 1080p Upscaler



- Flexible and universal converter with upscaling
- Configuration via the OSD menu
- HDMI upscaling adjustable
- Converts audio D/A & A/D, bypass and HDMI

38099

SCART to HDMI 720p HD Converter

- Converts analog AV signals to digital HDMI signals
- Input: scart (RGB, CV & stereo)
- Automatic switching from RGB, SVHS, CV, PAL/NTSC
- Output: HDMI 720p



front & back

38101

DVI-D to VGA & Component Video Converter

- Converts digital DVI-D signals to analog VGA/RGB or Component Video YUV/YPbPr/YCbCr signals
- Input: DVI-D (HDCP not supported)
- Output: HD15 connector (VGA, YUV), with adapter cable to 3x RCA connectors
- VGA/RGBHV or YUV(YPbPr/YCbCr)-format switchable
- Supported resolutions and formats of the output signal
 - VGA 640x480 up to UXGA 1600x1200
 - TV/HDTV PAL or NTSC format from 480i/60Hz up to 1080p/60Hz



32562

DVI-D/HDMI to SDI Converter & Extender



- Cost effective solution for converting DVI-D signals into a broadcast quality SDI video signal
- Can be used with any suitable SDI display device
- Support resolutions up to 1080p
- Built-in 3.5mm stereo audio output for synchronised audio
- Auto-video mode detection (SD/HD/3G)

DVI-D to SDI Converter & Extender	38 197
HDMI to SDI Converter & Extender	38 199

SDI to DVI-D/HDMI Converter & Extender



- Converts broadcast quality SDI video signals DVI-D/HDMI
- Use cost effective HDMI monitors with SDI equipment
- Supports SDI, HD-SDI and 3G-SDI up to 1080p
- Stereo audio output in both digital (HDMI/DVI audio) and analog
- Plug & Play

3G SDI to DVI-D Converter & Extender	38 196
3G SDI to HDMI Converter & Extender	38 198

3G SDI to HDMI Converter



- Converts broadcast quality SD video into digital 1080p HDMI
- SDI bypass feature

38 098

Splitter SDI 4 Port



- Supports SD-SDI, HD-SDI and 3G-SDI

38085

VGA Selector Auto Switch Remote 2:1



- Automatically switches to the first active signal or new signal, automatic port switching with cable remote control
- Auto scan mode with adjustable scan rate (10, 20 seconds and off)
- Supports display resolutions up to 2048x1536
- Supports cable lengths of up to 50m using LINDY Gold VGA cables

32585

AV Selector Auto Switch Remote 2:1



- Automatically switches to the first active signal or new signal, automatic port switching with cable remote control
- Supports stereo audio (3.5mm stereo jacks)
- Supports VGA resolutions up to 2048x1536
- Supports cable lengths up to 50m (with LINDY Gold VGA cable and 3.5mm stereo cable)

32586

Manual VGA Switch 4:1



- Manual VGA Switch in a robust metal housing
- Switches between 4 inputs/outputs and one output/input
- 4x VGA/HD15 female

32611

Manual VGA & Audio Switch 2:1



- Affordable manual VGA and audio switch
- Supports VGA resolutions up to 1900x1200
- Connectors: 3x HD15 female, 3x 3.5mm stereo jacks

32529

SCART Switch 2:1



- Switches between 2 signal devices or between 2 TV devices

35596

CABLE GUIDE

HDMI CABLE	PAGE 239
VGA CABLE	PAGE 233
DVI CABLE	PAGE 236
SPDIF COAX / TOSLINK CABLE	PAGE 257
RCA 3.5MM	PAGE 258
SCART ADAPTER	PAGE 261

VGA & Audio Selector Matrix Switch



32682



- Switch VGA and stereo audio
- Each input signal can be set to any output
- Switch using a button on the unit or via IR remote control
- Supports VGA resolutions up to 2048x1536
- Integrated video amplifier supports cable lengths up to 50m with the LINDY Gold VGA and 3.5mm stereo cable



32677 / 32678



AV Selector Matrix Switch 2 x 2 - VGA & Audio Stereo	32677
AV Selector Matrix Switch 4 x 4 - VGA & Audio Stereo	32678
AV Selector Matrix Switch 8 x 8 - VGA & Audio Stereo	32682
Rack Mount Kit 19" for 32678	32679

VGA & Audio Selector 4:1



32647



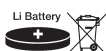
32639

- Switch between 4 VGA & audio sources
- Separate VGA and audio ports, can also be used as VGA switch
- Supports VGA resolutions up to 2048 x 1536
- Switch via push button and electronic switching technology or via remote or automatically
- Supports cable lengths of up to 50m



VGA & Audio Selector 4:1	32647
IR Remote Control for 32647	32639

VGA & Audio Selector 8:1



- Switch between up to 8 VGA & audio sources
- Works as a stand alone VGA switch
- Audio and video can be switched together or independently from each other
- Switching via IR remote control or directly on the switch
- Supports VGA resolutions up to 2048x1536
- Supports cable lengths up to 70m



32584

VGA Splitter PRO, 2 to 8 Port

- Distribute a VGA input signal to up to eight VGA outputs, cascadable
- Compatible with LCDs, TFTs, and CRT monitors
- Resolution up to 2048x1536 (QXGA) to 75Hz, 450MHz bandwidth
- Supports long cable lengths up to 50m when using LINDY Gold SVGA cables (page 234)
- Ports: 1 input (HD-15 male connector) - 2/4/8 outputs (HD-15 connector)
- Robust metal housing



front & back

VGA Splitter PRO, 2 Port

32571



front & back

VGA Splitter PRO, 4 Port

32572



front & back

VGA Splitter PRO, 8 Port

32573

VGA Splitter Lite 2 Port



- Affordable 2 port VGA splitter
- Supports VGA signals up to 1920 x 1600
- Connectors: 3x VGA female
- Cable length up to 20m
- Incl. power supply

32350

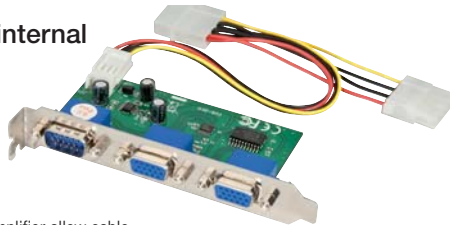
VGA Splitter 2 Port, USB powered



- Affordable 2 port VGA splitter
- Supports VGA signals up to 1920 x 1600
- Connectors: 2x VGA female, 1x VGA male
- Cable length up to 30m
- Power via USB A female

32356

VGA Splitter – internal



- For internal PC use or computer chassis in free slot bracket
- Integrated VGA video amplifier allow cable lengths up to max. 75m using LINDY Gold SVGA cables (page 234)
- Incl. short cable (0.4 m) to connect from the graphics card

32407

VGA Splitter Cable - passive



- Affordable alternative to a VGA video splitter box
- Distributes a VGA signal to two outputs
- Passive cable which simply splits a single VGA signal into two without any amplification or signal regeneration

VGA Splitter Cable 1:2 – passive

41214

More 1:2 splitter cables with a DVI connection, see chapter Cable on page 236



CABLE GUIDE

VGA CABLE	PAGE 233
DVI CABLE	PAGE 236
HDMI CABLE	PAGE 239
DISPLAYPORT CABLE	PAGE 245
TOSLINK CABLE	PAGE 257
AUDIO CABLE	PAGE 257

Cat.5 Audio/Video VGA Extender & Splitter

- The extender system consists of two different transmitters, three different receivers (150m, 250m and 300m), and an 8 Port Extender/Splitter
- Transmits VGA and analog audio signals via affordable UTP Cat.5e cable with distances up to 300m
- Supports VGA resolutions up to 2048x1536 at short distances,

- 1920 x 1200 up to 300m, DDC monitor signal and audio mono
- Use UTP Cat.6 cable in order to get the highest resolutions with the longest distances
- Detailed information at www.LINDY.com. For more options, larger installations and projects, please contact our hotline



AV Extender Cat.5 Transmitter Compact

32754



AV Extender Cat.5 Transmitter w/ monitor port

32763



AV Extender 8 Port Splitter-Transmitter

32762



AV Extender Cat.5 Receiver Compact 150m

32764



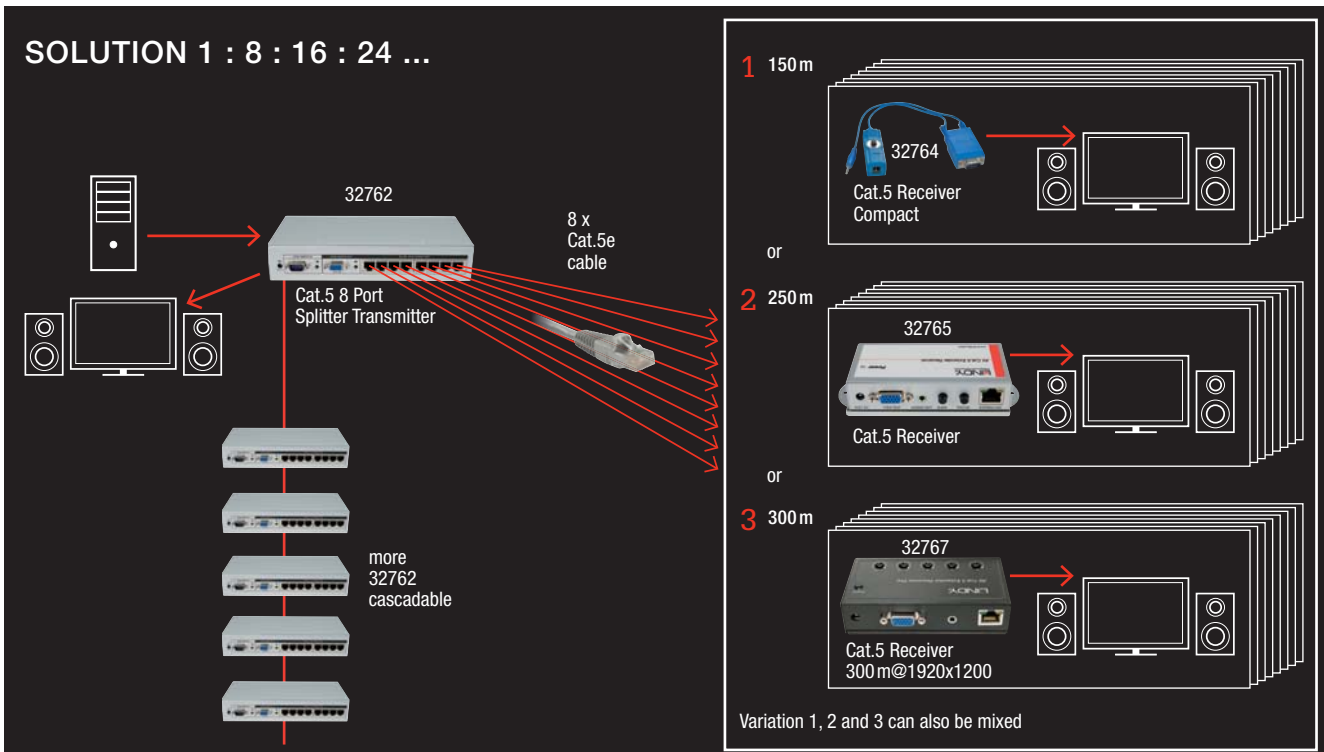
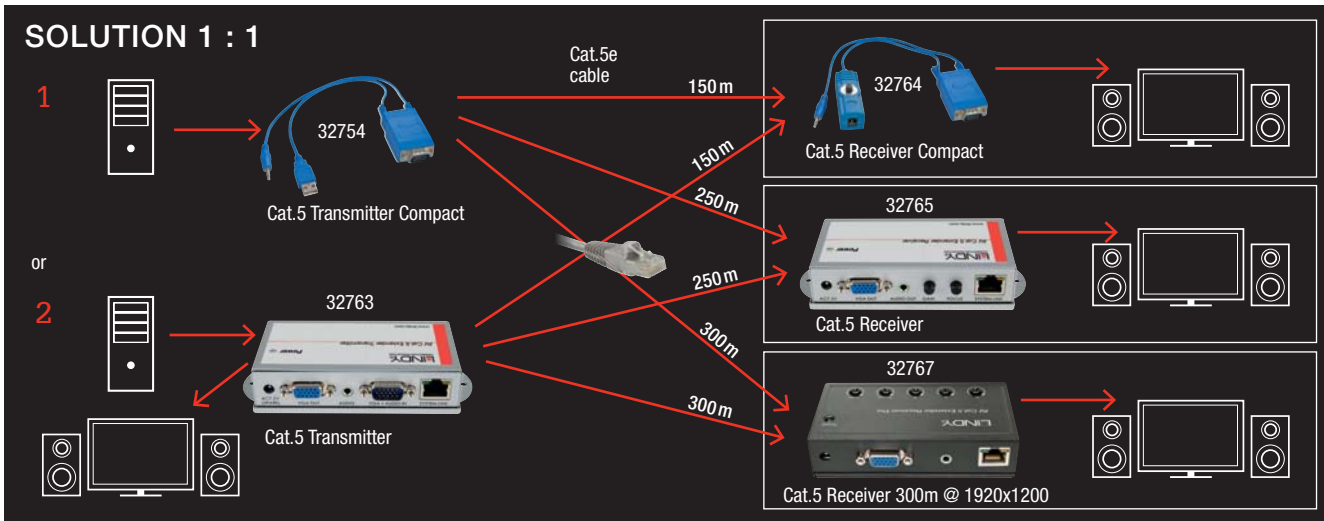
AV Extender Cat.5 Receiver 250m

32765



AV Extender Cat.5 Receiver 300m HighRes

32767



VGA Extender Cat.5 BASIC

- Passive extender without amplification
- Transmits VGA signals via Cat.5/6 cable
- Supports the following distances:
75m@800x600 / 50m@1024x768 / 30m@1280x1024



37571

Cat.5 VGA Extender Smart, 150m High Resolution

- VGA up to 1920 x 1080 over 150m
- Sharpness control on the receiver side



32666

Fiber Optic VGA Extender 750m



- Transmit VGA via LC Multi-mode cable up to 750m
- Supported resolutions up to 1920 x 1200 or 2048 x 1536
- Connection via two duplex LC cable or 4x LC cable 50/125µm OM3 up to 750m

32541

Cat.5 VGA & Audio Extender 300m

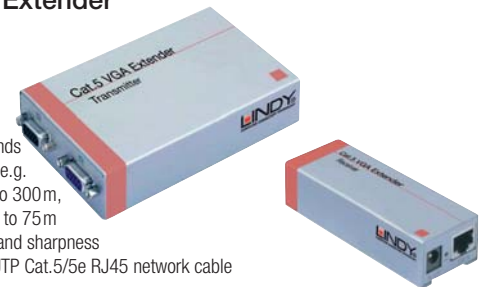
- Resolution: 1920 x 1200 up to 300m
- Adjustable gain and sharpness
- Connection via UTP Cat.5/5e RJ45 network cable



32540

Cat.5 VGA Extender

- Resolution depends on the distance, e.g. 1024 x 768 up to 300m, 1600 x 1200 up to 75m
- Adjustable gain and sharpness
- Connection via UTP Cat.5/5e RJ45 network cable



32537

Cat.5 VGA & Audio Extender 300m 4 Port

- Resolution: 1920 x 1200 up to 300m
- Adjustable gain and sharpness
- Connection via UTP Cat.5/5e RJ45 network cable



Cat.5 VGA & Audio Extender 300m, 4 Port Transmitter	35401
Cat.5 VGA & Audio Extender 300m, 1 Port Receiver	35402

Cat.5 VGA Extender & Splitter, 8 Port

- Maximum resolutions are distance dependent, e.g. 1024x768 up to 300m, 1600x1200 up to 75m
- Adjustable gain and sharpness
- Transmitter & 8 port splitter unit with VGA pass through port or local monitor
- Cat.5 VGA Extender & Splitter 8 port: receiver units to be ordered separately



Cat.5 VGA Extender & Splitter 8 port (receivers not included)	32538
Cat.5 VGA Extender & Splitter: receiver (1 port)	32539

Audio/Video Extender via Cat.5/6 600 m

- For Composite Video (CV) & stereo audio signals
- Easy to install - just connect!
- No power supply required



AV Extender Cat.5/6 Composite Video & Stereo

32 535

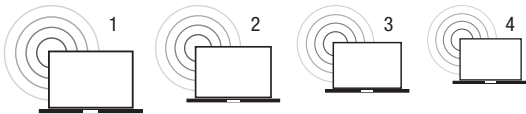
VGA Skew Compensator for Cat.5 Extender

- Improves video quality for large distances by compensating RGB image distortions introduced by using Cat.5 cable



32 766

WLAN/WiFi Audio-Video Projector Server



The Wireless Projector Server enables notebooks, tablets and smartphones to wirelessly transmit picture and sound presentations or videos via Wi-Fi to stream to a connected projector.

- Wireless streaming: receives wireless video from computers, laptops, tablets and smartphones
- Generates its own WLAN/WiFi
- Plug&Show: easy installation for easy use
- The needed software can be directly downloaded and installed from the Projector Server

32697: VGA Compact

- Compact version, for direct connect to a VGA port

32701: VGA & HDMI Split Screen

- HDMI, VGA, Audio: digital or analog outputs can be used
- Split Screen function for simultaneous users



WLAN 11n VGA Projector Server Compact

32 697

WLAN 11n HDMI & VGA Projector Server Audio & Split-Screen

32 701

PRODUCTS WITH WIRELESS HDMI TRANSMISSION, PLEASE SEE PAGE 48

... latest products at LINDY.com



Modular Wall Boxes

- Installation according to German standards
- Fixed with screws or clamps
- For insertion of snap-in modules or Keystones

- Installation according to British standards
- For use with 2 or 4 snap-in modules
- Screw fixing of the face plate, distance approx. 60 or 121mm (single/doublebox)

- Installation according to Italian, Australian, and American standards
- Screw fixing of the face plate, distance 83mm
- For use with 3 snap-in modules



81x81mm – DE System

	For 1 Keystone	60543
	For 2 Keystones	60544
	For 1 Snap-In-Module	60545
	Surface Mount Back Box, 45mm depth	60546

86 x 86 or 146 x 86 mm – UK System

	For 2 Snap-In-Module (front plate)	60541
	For 4 Snap-In-Module (front plate)	60542
	Surface Mount Back Box 86x86, 47mm depth	60523
	Surface Mount Back Box 146x86, 47mm depth	60524

114x70 mm – US/IT/AUS System











	For 3 Snap-In-Module (face plate)	60547
	Surface Mount Back Box 115x72, 38mm depth	60548

ALSO AVAILABLE WITH KEYSTONE RJ45, PAGE 123

Snap-In Modules for Modular Wall Box Series

Snap-in modules for easy insertion into the various Modular Wall Boxes and 50mm wall channels

Snap-in modules for use in the modular wall box series - 25x50mm

	For 1 Keystone, 4 pcs.	60551
	For 2 Keystones, 4 pcs.	60552
	For 1 Keystone, 45°, with dust cover, 4 pcs.	60561
	With 3x RCA F/F, Gold, 1 pc.	60533
	With 3x RCA F/F solder version, 1 pc..	60532
	With 1x F Connector F/F, 2 pcs.	60531
	Blank plate, 2 pcs.	60540
	3 Holes (BNC/F/...) Ø 9mm, 4 pcs.	60530
	Sub-D9 or HD15, 4 pcs.	60527
	DVI-I Coupler, 1 pc.	60574
	With VGA Coupler, 1 pc.	60480
	With DisplayPort Coupler, 1 pc.	60556

Keystone Module

Fits into modular face plates and in Snap-in modules

Keystone Module – universally fits

	front & back	Keystone HDMI F/F, 1 pc..	60526
		Keystone HDMI F/F, 90°, 1 pc..	60490
	front & back	Keystone FireWire 6 Pin F/F, 1 pc.	60557
	front & back	Keystone 3.5mm Stereo F/F, 2 pcs.	60528
		Keystone 1x F-Connector F/F, 2 pcs.	60559
	front & back	Keystone USB Type A/B F/F 1 pc.	60555
	front & back	Keystone USB Type B F/F, 1 pc.	60554
	front & back	Keystone USB Type A F/F, 1 pc.	60553
		Keystone USB Type A reversible F/F	60583
		Keystone USB Type A Coupler, 90°, 1 pc.	60491

AV Multimedia Face Plate, Metal, white



- Metal cover approx 86x86x35mm, with two mounting screws (distance approx 60mm), white painted
- Suitable for wall boxes 86x86mm
- Space at the back of the box 64x48mm, depth 30mm
- **60211**: VGA HD15 female, 3.5mm stereo audio female
- **60222**: additional USB Type A female, 3x RCA female, all inside screws

AV Multimedia Face Plate, Metal, white, 86x86mm	60222
VGA & Audio Multimedia Face Plate, metal, 86x86mm	60211

HDMI/DVI Wall Plate Brushed Steel



- Brushed steel trim, screwed-in with HDMI/DVI
- F/F 90° in premium quality
- The panels are secured by two screws into box, screw spacing 60mm

DVI-I Wall Plate Brushed Stainless Steel 86x86mm	60218
HDMI Wall Plate Brushed Stainless Steel 86x86mm	60219

AV Cat.5 Extender snap-in Modules up to 300m



- Choose from two snap-in modules, including VGA or YUV combinations designed to be fitted to our modular face plates wall box series.
- Passive extender technology with impedance matching
- Connection via Cat.5 cable with IDC termination
- For more details, see website

RGB/YUV Cat.5 Extender 3x RCA 30-300 m (pair)	60558
VGA Cat.5 Extender 30-100 m (pair)	60538
VGA Cat.5 Extender 30-100 m in Surface Box (pair)	60539

Wall Box for 6 snap-in Modules



Supplied without the shown snap-in modules

- For up to 6 snap-in modules 25 x 50mm
- 4 blind bezels included
- White plastic housing with labelling space
- Hinged lid for comfortable installation
- Dimensions approx.: 17 x 20.5 x 5.5cm

60549

MORE NETWORK SNAP-IN MODULES,
KEYSTONES SEE PAGE 123

... latest products at LINDY.com



Audio Switch TosLink 4 Port



- Switches optical S/PDIF signals between different sources
- Switch via keys on the device or IR remote

70416

Audio Splitter TosLink S/PDIF Digital



- 2 or 4 way digital optical S/PDIF audio splitter
- Input and output: TosLink (optical) female

Audio splitter TosLink S/PDIF Digital 2 Port

70407

Audio splitter TosLink S/PDIF Digital 4 Port

70403

Audio Switch TosLink 4 Port Premium



- Switches optical S/PDIF signals between different sources
- Switch via keys on the device or IR remote

70435

Audio Converter HDMI ARC Analog Stereo RCA



- Supports HDMI audio sampling rates up to 192kHz
- Input: HDMI with ARC function, can not be used on normal HDMI connections
- Converts to 2 channel analog stereo

38092

Auto Optical Audio Switch TosLink 2 Port



- Switch between 2 optical S/PDIF (TosLink) sources automatically

70405

HDMI Audio Extractor with HDMI Bypass



- Extracts HDMI audio
- HDMI input and output (for pass through)
- Optical SPDIF and analog RCA audio outs

38097

Audio Switch TosLink 2 Port, manual



- Switches optical S/PDIF(TosLink) signals between two sources

70434

Lip Sync Corrector



- Corrects the common issue caused by analog audio signals being faster than digital
- Adjustable audio delay from 0-300ms (8 settings)
- Input & output port: 2 x L/R stereo RCA

70449

TOSLINK CABLE
SEE PAGE 257

... latest products at LINDY.com



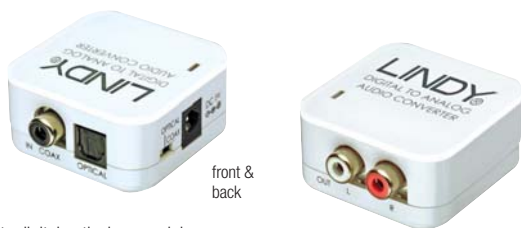
AUDIO/VIDEO CONVERTER CONVERTS

For audio data to be decoupled from the data stream and made audible or converted into analog audio signals that can be fed as data into one or more digital devices, digital/analog or analog/digital converters, switches and splitters are needed. LINDY provides these products in various models depending on the application.

Whether only S/PDIF data over copper cable converted to analog stereo signals, or extracting the audio stream from an HDMI transmission or additional Dolby Digital decoding is needed, the LINDY portfolio offers for every application the appropriate audio converter - even sampling rates of up to 192kHz.



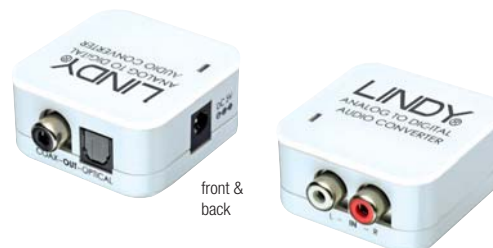
Audio Converter S/PDIF Digital to Analog



- Converts digital optical or coaxial S/PDIF signals to analog stereo audio
- Input: TosLink (optical), digital coaxial (RCA)
- Output: analog Stereo L & R (RCA female)
- Integrated digital/analog converter (DAC)
- Sample rates up to 48 kHz

70408

Audio Converter Analog to S/PDIF Digital



- Converts analog stereo audio to digital optical or coaxial S/PDIF signals
- Input: analog Stereo L & R (RCA female)
- Output, switchable: 1x TosLink (Optical), 1x Digital Coaxial (RCA)
- Supports digital 2 channel uncompressed LPCM signal 48kHz

70409

Audio Converter Combo Digital to Analog 92kHz



- Inputs TosLink (Optical) and coaxial (RCA)
- Input format LPCM 2 channel 24-bit / 96kHz
- Outputs: analog stereo (RCA jacks)

70470

Audio Converter Digital <-> Analog with Dolby Digital Decoder, TosLink to Stereo RCA



- Optical digital audio signal input and conversion into analog audio signal L/R output
- Supports uncompressed digital LPCM stereo or Dolby® Digital 5.1CH audio inputs
- Dolby Digital audio downmixing to 2 channel audio

70471

Audio Converter Combo TosLink & Coax digital up to 192kHz to analog Stereo



- Input, switchable: 1x TosLink (Optical), 1x Digital Coaxial (RCA)
- Input format LPCM 2 Channel, up to 24 Bit
- Sampling rate: 32 - 192kHz
- Output: analog Stereo L & R (RCA female)

70469

Audio Converter Digital bi-directional: TosLink <-> Coax / RCA



- Converts digital optical to coaxial SPDIF or coaxial SPDIF to digital optical

70411

Digital Audio Extender Cat.5, 150m



- Transmits digital SPDIF Coax or TosLink signals over Cat.5 cable
- Supports stereo and multi-channel audio, Dolby Digital, DTS, 7.1
- Sampling rates 32K/44.1K/48K/88.2K/96K

70466

Cat.5e/6 Extender Stereo Audio 100m



- Transmits Stereo signals via Cat.5 cable

70460

USB 2.0 Audio Adapter



Additional audio ports for your computer also ideal for VoIP, Skype and other programs.

- Stereo line output and mic input with mute key
- Supports virtual 3D 7.1 surround sound

42961

Mini Headphone Amp & Splitter



- Easily improve the sound quality of your portable devices
- Enjoy up to 12 hours of continuous playback with a single charge

35507

USB Digital Audio Analog Converter



- Converts PCM audio (Pulse Code Modulation) to analog stereo audio signals
- Acts as a digital USB audio interface: USB allows you to feed digital audio sources into an analog stereo system
- High audio quality up to 24-bit/192kHz
- Power via USB port

20376

LDAC Pro USB DAC & Headphone Amp



- The ultimate DAC for home cinema and audio enthusiasts (with remote control)
- Provides audiophile sound quality up to 24bit/192kHz
- With renowned, high performance Burr-Brown PCM4101 DAC chipset, headphone amplifier, with high quality TI TPA6120A2 chipset

70410

USB 2.0 Video Grabber



- Fast video data capture via USB 2.0
- Powered by the USB bus - no external power supply required
- Screen capture function

42886

Premium Notebook Microphone



- Alternative to the built-in microphone
- 90 degree hinge for optimal positioning

Notebook Microphone Premium, black 20409

Notebook Microphone Premium, silver 20379

USB 2.0 Audio Grabber



- Digitized analog stereo signals
- Allows you to transfer your old music collection to your PC or Mac using your existing Tape Deck, Hi-Fi or other analog source device
- The supplied Audacity software for Windows allows you to edit your recordings

42715

Stereo Headphones with Microphone



- For MP3/DVD/CD player, interactive games, Voice over IP applications or simply for listening to music on the PC
- 2x 3.5mm stereo jack

20398

CROMO IEM-75 Dual Driver Earphones



- Superior sound reproduction
- Sound isolating
- Exchangeable ear tips
- Designed for optimum comfort and performance
- With carry bag and 3 pairs of super soft ear tips (size: S/M/L)

20381

IEM-50X Hi-Fi In-Ear Headphones with Dynamic Bass Tuning



20396

Earphones, black, with 2.5mm stereo jack



19002

Earphones Universal, 2.5mm jack with 3.5mm adapter



19003

Earphones Adapter Cable



35548



35549

2.5mm male / 3.5mm female adapter cable 20cm

35548

3.5mm male / 2.5mm female adapter cable 20cm

35549

HF-40 Hi-Fi Headphones



- High output 40mm neodymium drivers
- Closed back, circumaural (full size) ear cups help isolate external noise
- Soft, ear pads for maximum comfort
- Elasticated headband provides a secure fit
- Removable 1.2m cable with 3.5mm stereo jack
- Supplied with a handy carry bag

20256

HF-20 Lightweight Stereo Headphones



- Fully adjustable headband with swivelling earpieces for portability and convenience
- 1.2m cable with gold plated 3.5mm stereo jack
- High output 30mm neodymium drivers provide superb clarity and excellent bass response

20257

BNX-60 Wireless Active Noise Cancelling Headphones Bluetooth



NEW

- Wireless transmission up to 15 m
- Adjustable Active Noise Cancelling
- Bluetooth 4.1 Wireless connectivity with aptX®
- Built-in battery for up to 30 hours music playback and 12 hours noise cancelling, charging via USB
- Built-in mic for headset function



73136

NC-40 Active Noise Cancelling Headphones



- 16dB active noise cancelling and high output 40mm drivers for superb sound quality
- Soft cushioned earpads for comfortable use over long periods
- Noise cancelling circuit powered by 1x AAA battery (included)

20425

HF-100 Premium Hi-Fi Headphones



- Professional studio monitor and Hi-Fi headphones
- Closed back for excellent noise isolation
- Circumaural, over ear design featuring 42mm drivers with dynamic, neodymium magnets and CCAW voice coils
- Includes 3m detachable cable, spare ear pads, carry case and 3.5mm to 6.3mm jack adapter

20378

HF-110 Open Back Hi-Fi Headphones



- Professional studio monitor and Hi-Fi headphones
- Open back for excellent bass response and a more natural, accurate sound
- Circumaural, over ear design featuring 42mm drivers with dynamic, neodymium magnets and CCAW voice coils
- Includes 3m detachable cable, spare ear pads, carry case and 3.5mm to 6.3mm jack adapter

20375

KVM SWITCHES & EXTENDERS DISTRIBUTION

PRODUCTS IN USE	78
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DC 5V

POWER

RS232 OUT

CAT5e/6 IN

AUDIO
IN OUT

HDMI OUT

LINDY
CONNECTION PERFECTION

LINK USB

LINK PAIR SEL

ON
1 2 3 4

HDMI/USB/IR/RS232 to CAT5e/6 Transmitter

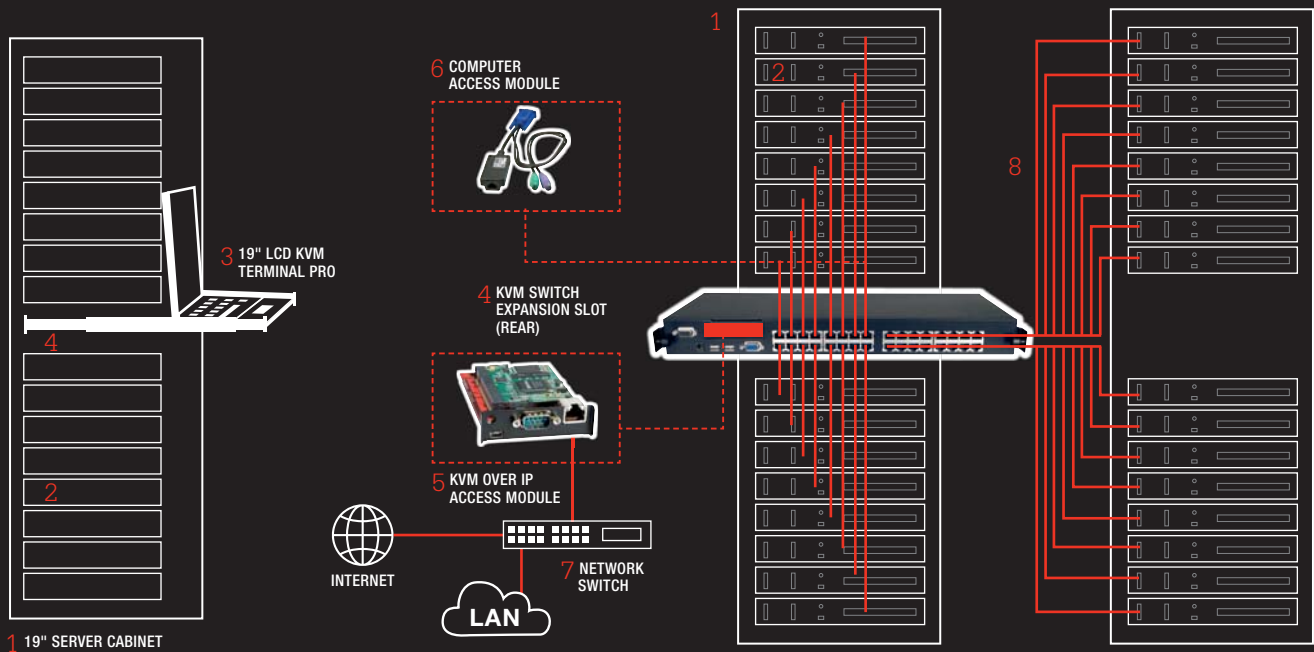
LINDY
CONNECTION PERFECTION

Digital Signage
HDMI over Gigabit Broadcast System

INTELLIGENT SERVER CONTROL

KVM TERMINALS – MODULAR AND CASCADABLE

REQUIREMENTS: Server environments today are subjected to great demands which require immense growth in capacity, a trend that will continue to grow even more. More and more computers are installed into smaller spaces that need to be administered efficiently. Our years of experience in the KVM market segment gives us the advantage to offer exceptional future-proof solutions for demanding server environments. 19" LCD KVM Terminals from LINDY combine the functions of a KVM switch with a 19" cabinet or rack in a compact housing installed as a retractable workstation console (keyboard, mouse and display). Many of our solutions are modular and easily expandable.



SOLUTIONS: The control center of such a solution is the LCD-Terminal. A choice between a stand-alone model with an outstanding price-performance ratio (for instance, when only one computer needs to be controlled or when there is already a stand-alone KVM switch present) or modular expandable models from our single and dual rail series. Single-rail models only allow the keyboard and LCD monitor to be pulled out of the rack together. Dual-rail models however, allow them to be pulled out independently. The LCD monitor can be folded up over the installed 19" equipment. For instance, when used for surveillance or monitoring purposes, the screen can remain clearly visible even behind a closed server cabinet with glass doors. The dual and single rail series are modular and expandable using 8 or 32 port KVM switch modules.

The KVM Switch module is the core of any LCD KVM Terminal installation. The most important criteria for selecting a KVM switch is the number of computer ports available. LINDY offers KVM Switch Modules with 8 ports for smaller server environments. These use

traditional KVM cables which consist of 2 or 3 individual cables combined together for transmitting keyboard, mouse and video signals. These KVM switch modules can be cascaded with the corresponding stand-alone KVM switch model in order to increase the number of ports. We recommend the LINDY Cat 32 KVM Switch when administering a large number of servers. The individual systems are connected via computer access modules using inexpensive RJ45 cabling. This allows the administration of up to 32 systems while occupying only a single height unit. All KVM modules support the ubiquitous VGA interface, which is the most common video interface in the server environment. Mixed mode operation via PS/2 and USB HID interface for keyboard and mouse is also supported. Aside from direct local access via LCD KVM Terminal, remote access is also available. LINDY provides KVM over IP technology that enables quick access from your local LAN via a desktop workstation and as well as external internet IP. All LINDY KVM modules can be retrofitted with such a KVM over IP module.

AREA OF APPLICATION: Professional server rooms in the public sector, education, business, trade and manufacturing as well as in finance and banking have the constant need for expansion due to ever growing demands. This makes server space an increasingly important aspect to consider. Cascadable and easily expandable modular solutions in these sectors are therefore valuable components in making future investments in your IT infrastructure worthwhile.

1 19" SERVER CABINET

LINDY Server Cabinets with a footprint of 600 x 1000mm are designed as stand cabinets with 3 vertical 19" frames, enough space for at least 32 server enclosures with different heights allowing a high server density even in confined spaces.

→ Page 106,
No. 22322



2 RACK SERVER

Rack servers for installation in 19" environments combine high performance with the smallest possible footprint. They are the first choice for building scalable IT infrastructures.

3 LCD KVM TERMINAL PRO

Input terminal for Servers made of stable metal is composed of an LCD panel, keyboard and touch pad with dual rail telescopic drawer for keyboard and monitor unit. The two units can be drawn or inserted independently from the rack, a practical function when space is needed in front of the cabinet.

Modular design allows easy expansion with a LINDY KVM Switch Module for up to 32 servers.
→ Page 92, No. 21620



A wide range of professional KVM Terminal with 17" or 19" screen sizes in different versions can be found on:

→ Page 92-93

4 EXPANSION MODULES

HDMI monitor with integrated USB hub. Depending on the demand, different KVM switch modules can easily be installed into the KVM Terminal via the CN36 expansion slot.

There are modules available for 8 ports via KVM cable and up to 32 ports via Cat.5/6 cable and computer access module for USB & VGA as well as PS/2 & VGA.

→ Page 93, No. 39635
KVM Switch CAT-32C, 32 port



→ Page 93, No. 39530
KVM Switch USB, 8 port



The KVM modules can be cascaded with other KVM Switch CAT-32 models allowing more than 200 servers.

→ page 91, No. 39631



5 KVM OVER IP ACCESS MODULE

A slot bay is available for expansion modules. This allows access to the KVM Terminal from the office or even worldwide access via the Internet. This can easily be fitted with a KVM Cat.5 Extender module or a KVM over IP Access module.

IP Access Modules can be found on:
→ Page 93, No. 39342



6 COMPUTER ACCESS MODULE

A compact Computer Access module is needed if the server needs to be connected with VGA and PS/2 or USB via Cat. 5/6.

Computer Access Modules for servers with PS/2 and VGA connectors, or with USB and VGA connectors in 20cm cable lengths can be found on:

→ Page 91, No. 39633

For Servers with PS/2 and VGA connectors

→ Page 91, No. 39634

For Server with USB and VGA connectors



7 NETWORK SWITCH

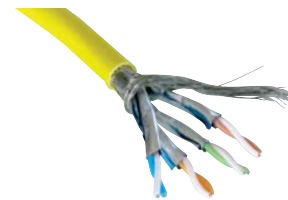
A gigabit capable network switch provides IP connection between a transmitter and one or more receivers. Installations with numerous receivers require professional switches with support for Broadcasting Protocol, IGMP, VLAN and Jumbo Frame.

8 CAT. 5/6 CABLE

Making the best use of space has become increasingly important in server environments. This means implementing in advance space-efficient structures and installing organized and clear wiring via the use of patch cables in the correct lengths and colors.

Cat. 5/6 cable as installation cable for customized assembly of network cabling can be found on:

→ Page 130, No. 12047



9 HOOK & LOOP CABLE TIES

Hook & Loop cable ties for secure and flexible installation and organized bundling of cables in network cabinets. Suitable for patch copper cable and pressure sensitive fiber optic cable.

Hook & Loop cable ties in a variety of lengths and colors can be found on:

→ Page 117

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

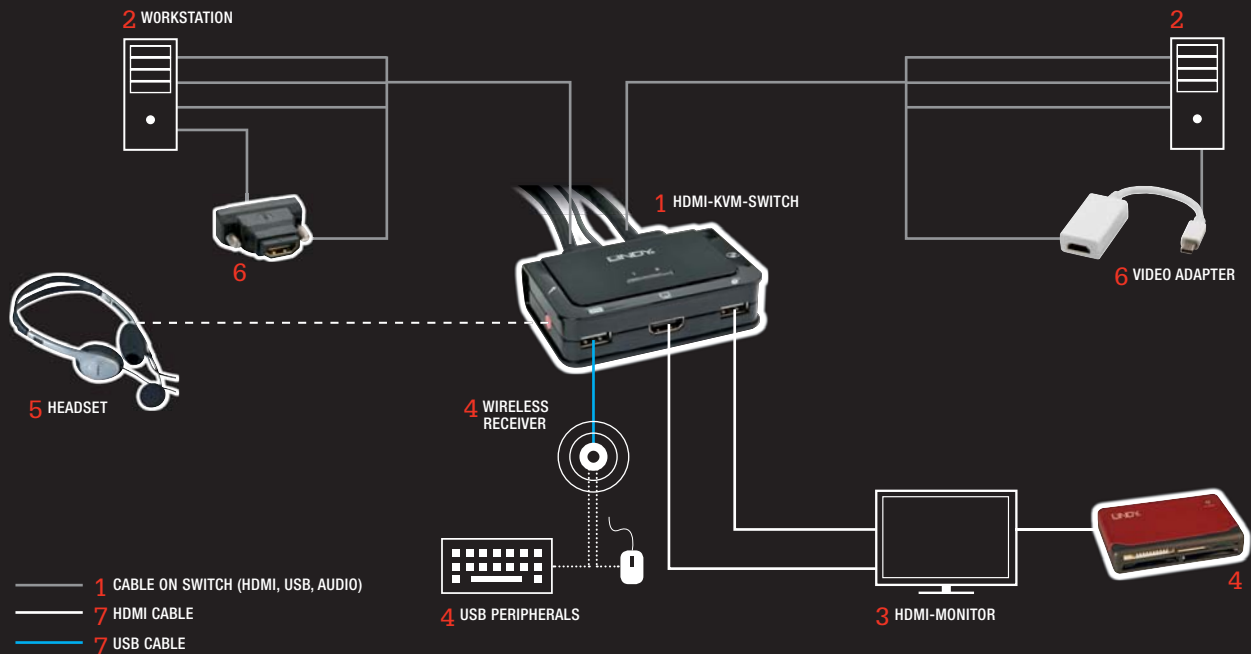
+44 1642 754 020
TECH@LINDY.COM

DESKTOP KVM SWITCHING

EFFICIENT AND INTELLIGENT SWITCHING

PROFESSIONAL KVM SWITCHES FROM LINDY FOR SMART, PARALLEL, COMFORTABLE AND RELIABLE OPERATION IN A MULTI COMPUTER WORKING ENVIRONMENT. SHARING OF DEVICES USING THE BUILT-IN HUB BRINGS COSTS DOWN.

REQUIREMENTS: Professional KVM switches for intelligent, convenient and reliable working with multiple workstations. Shared use of peripherals using integrated hubs saves procurement costs for additional devices. When working with multiple computers at a single workstation, the requirement is for a professional easy to use solution in the server room, office or home. This requirement can be met in different ways. In the simplest of cases, the operator can work with multiple mice, keyboards and monitors next to each other. However, this soon becomes very inefficient, does not save space, and is impractical. There are various ways of countering this problem: A monitor switch is perhaps the most well-known, which obviates at least one of the monitors. Anyone who has ever tried this out would have quickly realised that often the wrong mouse and keyboard is used and very little desk space is saved because of the requirement to use multiple keyboards and mice.



SOLUTION: The elegant solution from LINDY for this entire problem is called a KVM switch - a switch which can switch the monitor, mouse and keyboard and optionally other USB and audio devices. LINDY provides such KVM switches in different standards from basic to professional with 2 to 32 ports and with various monitor interfaces. Desktop KVM switches usually have 2 or 4 ports. KVM switches for server rooms usually have 8, 16, 24 or 32 ports and are frequently cascadable for larger integrations.

With the desktop KVM switch, the very first decision is determined by the display interface and the number of connected computers. To connect to the PCs, KVM cables with all of the four connections (video, USB, audio, microphone) are used. The KVM switch does not convert the video interfaces. All of the connected computers must have a matching video output (e.g. HDMI) or are able to be adapted using a suitable converter / adapter. The next question concerns what optional peripherals to connect.

Simple KVM switches often support only mouse and keyboards, usually via USB. However, other USB peripherals, such as a printer are supported by more advanced models.

One of the extra options consists of extending the USB functionality by connecting a USB hub. KVM switches with this option allow the common switchover of all of the devices connected to the hub, such as card readers, memory sticks, webcams, printers and much more. Professional models with separate USB device and USB mouse/keyboard ports allow device ports to be removed from the switching as required, or even to be switched separately. For high quality KVM switches, audio devices are also supported which can also be excluded from switching. The headset or loudspeakers can remain connected to the same PC even if the KVM signals are briefly switched to a different machine e.g. during a video conference.

AREA OF APPLICATION:
 This solution is used in professional applications where multiple computers and peripherals must be operated in parallel, e.g. in server rooms, administration workstations, office desks, or home offices. However, this solution is also ideal for private use when a multitude of peripherals must be controlled from a single terminal.

PRODUCTS IN USE

1 HDMI KVM SWITCH

The application shows a typical home office scenario. Two PCs and an HDMI monitor with mouse and keyboard are connected to the KVM switch. In addition, other peripherals can be connected such as a printer, USB stick or card reader. To connect to the PC, two system cables with all of the four connections (HDMI, USB, audio, microphone) needed are used. In general: Use the same interface as used for the monitor for the video interface for the KVM switch!

We recommend a save-spacing LINDY desktop HDMI KVM switch with USB 2.0 with audio connectors.

→ Page 83, No. 42340



2 WORKSTATION

Stationary terminals (PC or Mac), here with DVI- or Mini-DP graphics cards, USB- and loudspeaker- and microphone connection (a PS3/4 or Xbox can also be connected for gaming applications).

3 MOBILE COMPUTER

Mobile business computer (Windows Tablet, i.e., Surface Pro 3), with USB, Mini-DisplayPort and 3.5mm headset connection.

4 USB PERIPHERALS

The KVM switch provides two USB ports which can be extended at any time via USB hubs. In this case, the wireless receiver for wireless keyboards and mouse is connected to the KVM switch. The USB hub of the monitor is connected to the other USB port. Any USB peripherals can be connected to the monitor via the USB ports, e.g. a printer, a USB memory stick and a card reader.

The external card reader with 6 slots for over 80 different memory card formats can be found on:

→ Page 164, No. 42741



5 HEADSET

A headset can be connected to the KVM switch via 3.5mm connector for video conferences in a typical home office scenario. It can be excluded from the switching.

The headset with microphone and volume control can be found on:

→ Page 73, No. 20398



6 VIDEO ADAPTER

The video interface of the computer must be converted to the one on the KVM switch. DVI, Display Port and HDMI are the standard in use today, VGA is also possible.

LINDY's reliable adapter solutions ensure the maximum possible signal conversion. Adapters in various configurations can be found on:

→ Page 46, No. 41014

Mini-DisplayPort to HDMI



→ Page 239, No. 41228

DVI to HDMI



→ Page 59, No. 38191

HDMI to VGA



7 HDMI & USB CABLE

KVM switches and monitors are each connected to a HDMI- and a USB cable which sends the HDMI signals to the monitor or the USB signals to the USB hub built into the monitor.

The matching selection of HDMI- and USB cables in various configurations and lengths can be found on:

→ Page 240-244, HDMI Cables

→ Page 218-225, USB Cables

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

+44 1642 754 020
TECH@LINDY.COM

USB Smart Data Transfer & KVM Cables



PC
ANDROID

USB 2.0 Smart Data Transfer & KVM Cable PC & Android

- Picture in Picture (PIP) function
- Affordable solution for controlling two PCs using one keyboard and mouse
- Sync files to another computer by Drag & Drop

42613



PC

USB 3.0 Smart Data Transfer & KVM Cable, PC

- Shares video card & hard disk resources between two Windows PCs/tablets and smartphones
- Allows screen extension and mirroring
- Remotely control mouse and keyboard
- Drag & Drop / Copy & Paste functionality

42624

USB Transfer & KM Sharing Cable (no video)



PC
MAC
ANDROID

USB 2.0 Smart Data & KM Kabel, PC, Mac, iOS, Android

- Control two computers using a single keyboard and mouse
- Sync files to another computer by Drag & Drop

42614

KM Keyboard & Mouse Switch USB

- KM Switch without video switching, only mouse & keyboard
- Smart switching by moving the mouse cursor, or also via hotkey, system tray icon etc.



PC **MAC**

32165

Wireless KM Switch USB (without monitor)



- Wirelessly control keyboard and mouse of up to four Windows systems, Mac systems, tablets or smartphones
- Monitor signal is not switched, each system maintains its own monitor
- Systems supported by transmitter (TX): Windows XP/Vista/7/8, Mac OS X 10.5 or higher
- Systems supported by receiver (RX): Linux, set-top box, IPTV, PS3, XBOX, tablets & smartphones (Android & Windows) with USB ports, and all systems with USB HID support
- 32163: 2 port basic system with 1x transmitter and 1x receiver
- 32164: 2 port expansion with 2x additional receivers

PC **MAC** **TABLET** **SMARTPHONE** **XBOX** **PS3**
WIN **MAC OS** **LINUX** **ANDROID**

Wireless KM Switch USB, 2 port (TX & RX)	32163
Wireless KM Switch USB, 2 port expansion (2x RX)	32164
Adapter cable USB A female - Micro-B male	31935
Adapter USB A female - Micro-B male	31933

KVM Switch Classic USB & VGA 2 Port



- Integrated KVM cables
- Connectors: VGA monitor, USB mouse, keyboard, supports USB hubs
- Switch via hotkey (ctrl-key)

PC

32816

KVM Switch Compact USB Audio 4 Port

- Monitor, keyboard, mouse, microphone and speakers are directly connected to the KVM Switch Compact
- Audio connectors - can be bound to a port
- Port switching via keyboard hotkey, switch button or via switching icon in the system tray or dock
- 4 sets of connection cables



PC **MAC**

32827

Manual KVM Switch USB & VGA



- Low cost KVM alternative for USB connections
- Mechanical switch for 2 computers to 1 console
- For mouse & keyboard
- VGA: HD-15 female
- Max. cable length 2m (USB)

32583

KVM Switch Compact USB 2.0 Audio

Provides essential interfaces for modern peripherals

Supports USB hub function to connect additional USB 2.0 devices. Port switching via button, keyboard hotkey, or icon in the taskbar or dock, software tool (only Windows and MAC)

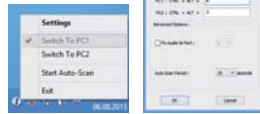


Taskbar icon (Windows)



Dock icon (Mac OS)

Windows



Mac OS



Clicking on the icon switches the port to the other computer, right click opens the options menu.



VGA KVM Switch Compact
USB 2.0 Audio 2 port

- For high resolution VGA
- Switches VGA, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

42342

DVI-D KVM Switch Compact
USB 2.0 Audio 2 port

- KVM Switch for digital LCDs and USB 2.0 sharing
- For DVI-D resolutions up to 1920x1200 incl. HDCP
- Switches DVI, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

42341

HDMI KVM Switch Compact
USB 2.0 Audio 2 port

- For HDMI resolutions up to Full HD1080p and 3D with HDCP
- Switches HDMI, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic
- Supports PCs, Macs, PS3/4 or Xbox with HDMI and 3D

42340

DisplayPort Switch Compact
USB 2.0 Audio 2 port

- For DisplayPort resolutions up to 4K@30Hz
- Switches DisplayPort, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

42343

PLEASE CHECK OUR WEBSITE REGULARLY FOR NEWER MODELS WITH UPDATED INTERFACES SUCH AS USB 3.0 , DP 1.2 AND HDMI 2.0



KVM Switch Pro Audio - KVM cables



Transparent USB ports for mouse & keyboard, also supports special functions

- Two USB 2.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the keys
- Includes KVM cables

Models with DVI-I ports:

- Supports Dual Head (1x analog + 1x digital) via 1x DVI-I
- Supports digital as well as analog connected monitors
- Also supports highest analogue VGA resolutions i.e. up to 2048x1536

Models 39330, 32331:

- Supports DVI-D single link resolution up to 1920x1200

Models 39332, 39333:


- Supports DVI-D dual link resolution up to 2560x1600



Models with DisplayPort (39328):

- Supports DisplayPort resolutions up to 2560x1600 and 4K@30hz
- Supports audio via DP as well as analog audio via 3.5mm jacks

KVM Switch Pro USB 2.0 Audio DVI 2 port, with cables	39330
KVM Switch Pro USB 2.0 Audio DVI 4 port, with cables	39331
KVM Switch Pro USB 2.0 Audio DVI Dual Link 2 port, with cables	39332
KVM Switch Pro USB 2.0 Audio DVI Dual Link 4 port, with cables	39333
KVM Switch Pro USB 2.0 Audio DisplayPort 4 port, with cables	39328
DVI-I Dual Link monitor splitter cable analog/digital (DVI-I F / HD15 M + DVI-D M)	41204



PLEASE CHECK OUR WEBSITE REGULARLY FOR NEWER MODELS WITH UPDATED INTERFACES SUCH AS USB 3.0 , DP 1.2 AND HDMI 2.0 OR CONTACT:

LINDY TECH SERVICES

+44 1642 754 020

KVM Switch Pro Audio - with KVM cables

- VGA & PS/2 desktop version with audio support
- Robust metal desktop housing, rear connectors
- VGA resolutions up to 2048x1536
- Port status LEDs in the switch buttons on the front
- Switch via port key or hotkey, configurable



KVM Switch Pro USB 2.0 Audio – Dual Head

- **For two DVI monitors, Dual Head**
 - Supports both connected analogue and digital monitors
 - Also supports analogue VGA resolutions up to 2048x1536
 - Supports digital DVI-D Single Link resolutions up to 1920x1200
 - Each DVI-I port supports a VGA and a DVI-D connection in parallel, two DVI-I connectors support up to 4 monitors. Monitor splitter cables (41008) and short extension cables have to be used
- Two transparent USB ports for mouse & keyboard, also supports special functions in mice and keyboards
- Two USB 2.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the push buttons

*cables are not included, please order separately

39302 and 39303 support DVI Dual Link resolutions up to 2560x1600



KVM Switch Pro USB 2.0 Audio DVI Dual Head 2 port (without cable)	39 300
KVM Switch Pro USB 2.0 Audio DVI Dual Head 4 port (without cable)	39 301
KVM Switch Pro USB 2.0 Audio DVI Dual Head Dual Link 2 port (without cable)	39 302
KVM Switch Pro USB 2.0 Audio DVI Dual Head Dual Link 4 port (without cable)	39 303

HDMI KVM Switch Pro Audio USB 3.0

- Supports HDMI resolutions up to Full HD 1080p, 3D and HDCP
- Supports HDMI with audio and stereo audio via separate 3.5mm output jacks
- Two transparent USB ports for mouse & keyboard, also supports special functions in mice and keyboards
- Two USB 3.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the keys

*cables are not included, please order separately



39311

KVM Switch Classic HDMI, USB 2.0 & Audio, 4 Port

- Classic KVM Switch with HDMI, USB and audio support including USB 2.0 device sharing
- Supports HDMI resolutions up to Full HD 1080p, 3D and HDCP
- USB 2.0 front connectors for USB devices or USB hubs, allows multiple USB devices like USB sticks, USB drives, card readers, printers etc. to be switched between the computers
- Speakers and microphone or headset are also switched - connected via the integrated USB Converter
- Switching is done via IR remote control or button on the switch
- Supports USB computers, game consoles with HDMI/USB including switching between DVD/BD players



32811



KVM SWITCHES MULTITASKING


The increasing demand for higher resolutions and better image quality leads to increasing requirements for the peripherals used for transmission. Often, it is not about implementing a simple transmission between one source and one display device, but switching between multiple transmission paths and several displays. This means switches, need to meet increasing requirements in terms of bandwidth and range.




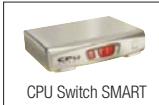



LINDY KVM switches in all forms and applications have proven their worthiness over the decades. Regardless of whether you want to switch between two computers via VGA or connect a modern graphics workstation with high resolution, 4K capable outputs. Or whether a simple presentation application or server administration environments with hundreds of hosts. Options include a simple KVM switch for two computers that requires installation in close proximity to the workplace or having the signals transmitted across long distances between switch and computer. LINDY has many years of experience in each of these fields of application.

3-in-1 KVM Cable PS/2 & VGA

- VGA HD-15 pin & 2x PS/2 MD-6 male / male, 1:1
- For many LINDY KVM Switches and similar with individual VGA & PS/2 connectors
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:



 32920-32921	 32925-32927	 32361-32364	 CPU Switch SMART	 32503 & 32504	 32520	 39520	
				1m	2m	3m	5m
				33711	33712	33713	33714

3-in-1 KVM Extension Cable PS/2 & VGA



- VGA HD-15 & 2x PS/2 MD-6 male / female, 1:1
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

2m	3m	5m	10m
33732	33733	33734	33736

3-in-1 KVM Cable PS/2 & VGA



- VGA HD-15 male/female & 2x PS/2 MD-6 male/male
- For older LINDY KVM Switch Classic 8, 8 port LITE and similar models
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:

 32519
 32828

1m	2m	3m
33751	33752	33753

3-in-1 KVM System Cable PS/2

- 1x System VGA HD-15 and 1x VGA HD-15 & 2x PS/2 MD-6 male / male
- For LINDY KVM Switches P16, XT series, P-IP series, U series, KVM LCD terminal series with integrated KVM Switches.
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:



 39532 & 39533	 32505, XT- & IP-Model	 32521 & 39521	 32530 - 32531
1m	2m	3m	5m
32510	32506	32507	32508

2-in-1 KVM System Cable USB

- 1x System VGA HD-15 to 1x VGA HD-15 & 1x USB A male / male
- For LINDY KVM switch U series, KVM LCD terminal with integrated U series KVM switch and similar.
- RGB as coax, DDC2, USB cable end approx. 30cm

suitable for:



 39532 & 39533	 32530 - 32531		
1m	2m	3m	5m
33530	33531	33532	33533



**MORE
KVM SYSTEM
CABLES
FOR LINDY
CPU SWITCHES
MULTIMEDIA,
SUN, MAC, PC
ARE AVAILABLE
AT LINDY.COM**

Adapter PS/2 USB



2x PS/2 Mini-DIN 6 pin Female / USB Type A male
PS/2 mouse and keyboard to USB port.
For all PS/2 mice and keyboards

42866



KVM SWITCH CAT-32 IP SPACE SAVER

Because an increasing number of servers have to share a limited amount of space there is often little space left for a KVM switch. This requirement demands intelligent, high performance technology in a small package.

The KVM SWITCH CAT-32 IP solves this problem in an innovative way: 32 ports in just one height unit (1U), cascadable with up to 8 switches with a total of 256 ports. To further optimize space, the computer is connected via Cat.5e / 6 UTP cables with a length of up to 100m. This means you can place the switches far away from the computer in a different room. Nowadays system administrators also like to access the server from home or when travelling, we have also built in remote access via IP. In this space-saving way, you can always keep an eye on all your servers.

KVM Switch Combo-8/16 – 8/16 Port KVM Switch with Dual Console Access for KVM over IP



- Universal model for server environments that have both USB and PS/2
- Dual Console: local and remote IP access option
- Cascadable without loss of ports, daisy chain bus up to 128 Servers
- Port switching via hotkey, OSD or buttons on the switch
- OSD function for password protected login, direct port selection, port status, auto scan, configuration, assigning names, name search
- Secure access for 3 User + Admin, with Access control list for users
- Rear expansion slot for KVM over IP module
- Also available as expansion module for 19" KVM LCD Terminal see pages 68-69



KVM Switch Combo-8	39523
KVM Switch Combo-16	39524
KVM over IP Access module for 39523 / 39524 (Combo 8/16 KVM Switch) and KVM Switch CAT-32 remote USB & PS/2	39636

KVM Combo Series

- For LINDY KVM Switches 39523 + 39524



10 YEAR GUARANTEE

	1 m	2 m	3 m	5 m
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A male / male	33770	33771	33772	33773
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A & 2x PS/2 male / male	-	33774	-	-

KVM Switch U8 – 8 Port KVM Switch with Dual Console Access for KVM over IP

- 19" 1U Dual Console KVM Switch with local console and remote console access ports
- 8 server ports, supports daisy chaining for up to 8 U-series KVM switches
- Port switching via hotkey, OSD and front bezel switches
- Password and access security for up to 8 users and admin including access control lists
- Supports SUN and MAC and PC/USB computers via compatible KVM cables, see page 87
- Also available as 19" KVM LCD Terminal version with integrated display and keyboard, see page 92-93



KVM over IP Module

- Provides remote KVM over IP access to the U8 switch
- Slots into the back of the switch



KVM Switch U8-Modular	39532
KVM over IP Access Module	39432

KVM Switch Classic 16 Remote

- Supports 16 servers
- Daisy chain cascadable up to 128 servers
- Supports PS/2 and VGA available, USB connection via USB-PS/2 adapters (LINDY 42866)
- OSD functions for direct port selection, status, autoscan, configuration, port naming, password protection and hotkey
- Server connections for model Classic 16 Remote only via system cable (max. 10m) page 64 (32506-32510)



KVM Switch Classic 16 Remote

39521

KVM Switch USB 2.0 Audio DVI 8/16 Port



39318

- Modern connectivity for up to 8 servers
- Switches USB keyboard/mouse and monitor as well as USB 2.0 and audio devices - in combination or separately
- 2 USB KVM ports + 2 USB 2.0 device ports, supporting USB Hubs to share & switch further USB devices
- Port switching via keyboard hotkey or switch button

KVM Switch USB 2.0 Audio DVI 8 Port

39317

KVM Switch USB 2.0 Audio DVI 16 Port

39318

KVM Switch CAT-32 IP

KVM Switch CAT-32 also provides an expansion slot for a remote access KVM over IP module that can be installed anytime.

8 cascadable switches for up to 256 servers with KVM over IP

- 8 switches x 32 ports can be controlled via the master switch
- 32 server ports per KVM switch in only 1 height unit, connected via affordable Cat.5e/6 UTP/STP cables and server modules to 100m
- Cat.5e/6 server modules available for PS/2 and for USB
- Larger installations can also be set up by KVM over IP access to every single KVM switch (requires one KVM over IP module per KVM switch) instead of cascading KVM switches with IP access only to the master switch

Local & remote access options

- Local console connected via VGA & USB or PS/2
- KVM over IP module upgradable via expansion slot

Operation and administration via OSD

- Port switching via keyboard hotkey and OSD
- Remote console access can be disabled, login password for local user
- AutoScan, AutoLogout, OSD duration, port naming, port activity and status, selection, sorting by name, type, etc.



39631 with installed KVM over IP module (39636)



KVM Switch CAT-32 Remote USB & PS/2

39631

Cat.5e/6 PS/2 & VGA Server module

39633

Cat.5e/6 USB & VGA Server module

39634

KVM over IP Module for KVM Switch CAT-32 or Combo 8/16

39636

CENTRALLY CONTROLLED

If you want to share a USB mouse and keyboard from different desktops to a single PC, you may use a LINDY VGA splitter (32571, page 64) or DVI splitter (page 57 or alternately an HDMI splitter (page 39) and a USB hub (page 162-163) and connect all devices simultaneously.

KVM SWITCH QUAD VIEW PRO



32327



32328



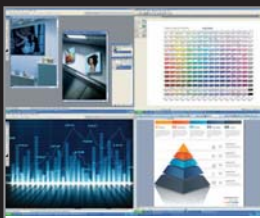
This new generation of KVM Switch Quad View has been developed as the perfect solution for control rooms, monitoring systems, video surveillance, etc. It integrates a professional video scaler which can control 4 computers (DVI-I and USB interfaces) from a single console (DVI monitor and USB Keyboard and Mouse). It can display video signals in different settings onto a single screen. Additionally, a second console monitor can be connected with completely different display settings.

An optional extender module (32328) can extend the primary console via Cat.5e/6 cable up to 100m, when using an additional Gigabit switches are up to 200m is even possible.

By cascading multiple switches up to 32 computers can be controlled. The user can switch between the 8 cascaded switches each with 4 computers and video signals.

- Four computers with DVI-I connectors, mouse & keyboard (USB) and audio (3.5mm stereo)
- Maximum resolution: 1920 x 1200
- 2 connections for primary and secondary console monitor
- Optional remote extender console port to 100m or 200m with Gigabit Switch
- Control and configuration via hotkeys, OSD, control buttons on the switch, RS232

This device offers 4 different video configurations for the primary console



Quad View:
Displays all video signals in equally sized windows



PIP View:
A source video can be displayed as a free floating image over the main video signal



PAP View:
A main window and three small side window



Full View:
Single video signal is shown

KVM SWITCH QUAD VIEW PRO

32327

Remote Console Extender for KVM SWITCH QUAD VIEW PRO

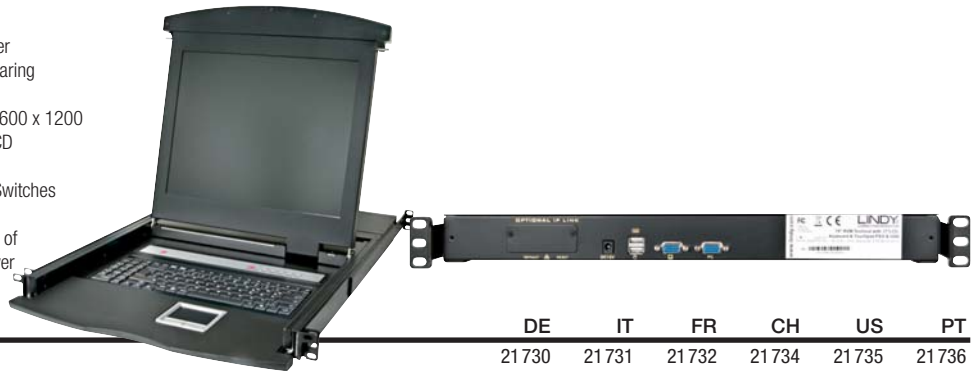
32328

FOR OUR HIGH END PIP VIDEO SCALER FOR 4 HDMI INPUT SIGNALS, WITHOUT KVM FUNCTION, PLEASE SEE PAGE 41, 38130.



19" KVM LCD Terminal Basic, Single Rail

- LCD and keyboard are always pulled out together
- 19" keyboard & LCD drawer with double ball bearing telescopic rails
- LCD monitor 1280 x 1024 / 17", scales up to 1600 x 1200
- Common drawer for keyboard, touchpad and LCD
- USB keyboard and touchpad
- Can be combined with many stand alone KVM Switches
- Dimensions: 19" 1U, depth ~64cm
- Can be installed in 19" cabinets with a distance of 57 to 85cm between the front and back 19" layer
- Further features see www.LINDY.com



DE	IT	FR	CH	US	PT
21730	21731	21732	21734	21735	21736

FULLY MODULAR

the choice is yours:

- With 17" or 19" LCD display
- Integrated KVM switch (8 or 16 port) available
- Integrated KVM over IP remote access module available
- Classic as single rail version
- Pro as dual rail version
- PRO Full HD as dual rail version

19" KVM LCD Terminal PRO, Dual Rail

- With or without integrated 8/16 port KVM switch, or also available with KVM over IP remote access module
- Keyboard/Touchpad and LCD can be pulled out separately
- The LCD can be flipped up without pulling the keyboard drawer out of the rack. LCD stays visible even when the cabinet doors are closed.
- 19" keyboard & LCD drawers with double ball bearing telescopic rails
- Only 1U, modular expandable with KVM Switch
- LCD monitor switches off when closed
- Dimensions: 19" 1U, approx. 54cm / 74cm deep (without / with KVM-Switch)
- 17" LCD PRO Dual Rail: LCD monitor 1280 x 1024 / 17" (SXGA, analog, HD15)
- 19" LCD PRO Dual Rail: LCD monitor 1280 x 1024 / 19" (VGA, analog, HD15)

LEARN MORE → 78

21620



DE	IT	FR	CH	US
21612	21613	21614	21616	21617
21620	21621	21622	21624	21625

17" LCD PRO, without KVM

19" LCD PRO, without KVM

For models with integrated KVM Switch, please order separately or see next page

17" LCD PRO Full HD USB 2.0, Dual Rail

- LCD monitor 1920 x 1080 DVI & VGA can be used
- USB 2.0: 2 front ports, integrated hub
- USB 2.0 and DVI features on direct computer connection or connecting via standalone USB 2.0 & DVI KVM switch
- 39317 / 39318, see page 91



PRO Full HD USB 2.0 – without KVM Switch

DE	IT	FR	CH	US
21690	21691	21692	21694	21695

19" KVM LCD Terminal Classic, Single Rail

- 19" drawer with 17" LCD monitor, touchpad & keyboard
- Upgradable with modular 8/16 port KVM switch
- KVM switch upgradable with IP remote access module
- LCD and keyboard are always pulled out together
- 19" keyboard & LCD drawer with double ball bearing telescopic rails
- LCD monitor 1280x1024 / 17" (SXGA, analog, HD15)
- Dimensions: 19" 1U, depth 47/67cm (without/with KVM switch)



	DE	IT	FR	CH	US
17" LCD PRO, without KVM	21 606	21607	21 608	21610	21 611

Models with integrated KVM Switch: Please order the switch separately, see below.

KVM Switch Expansion & Remote Access

- KVM Switch U8C/U16C provides an 8 or 16 port expansion to the LCD Terminal and is PS/2 & USB compliant, cascadable to 128 servers
- KVM Switch Combo 8C, 8 Port Version is USB & PS/2 compatible, cascadable to 120 servers
- In comparison to the regular U8/U16 port KVM switches the U8C/U16C models do not provide front bezel switching access & display
- CAT-32C KVM module with 32 Cat.5 ports for connecting up to 32 servers, cascadable. Details at www.LINDY.com
- They connect to the LCD terminal via CN36 connection and use the same power supply
- Further details and KVM system cables on page 88 or www.LINDY.com
- Only to expand the LCD Terminals Classic and PRO (not for BASIC)



back view
39530



back view
39531



back view
39525



back view
39635



KVM Switch U8C, 8 Port KVM Expansion Module	39530
KVM Switch U16C, 16 Port KVM Expansion Module	39531
KVM Switch Combo 8C, 8 Port KVM Expansion Module NEW	39525
KVM Switch CAT-32C, 32 Port Cat.5 KVM Expansion Module	39635

Remote KVM over IP expansion module for KVM switches

- Slot-in module for the U-series KVM switches
- Detailed features at www.LINDY.com

LEARN MORE
→ 78



8/16 Port KVM Switch Modular Expansion Slot



39531 with KVM over IP Module, 39432

39432

FOR KVM SWITCHES AND
REMOTE ACCESS MODULE
FEATURES, SEE PAGES
90-91

... latest products at LINDY.com

MC5 and MC5-IP Cat.5 KVM Switches

Digital access to analog local KVM server clusters.
The latest in KVM technology.

- Multi user - up to 4 simultaneous users
- One user console is a local port at the KVM switch, i.e. server room for maintenance
- 32368 MC5-IP: One user console as a remote access KVM over IP port for access via LAN, Intranet or Internet (instead of the third Cat.5 user console port)
- 32367 MC5: Three Cat.5 remote access user console ports via RJ45 cable. For connection of three C5 user stations with up to 300m.

Please find the features of the different C5 user stations on the previous page or always up to date at www.LINDY.com

Up to 24 servers connected via Cat.5e/6

- 24 servers can be connected via UTP/STP cable
- Computer connection via Cat.5 Computer Access Module (CAMs) available in 5 different versions (see below): with or without audio support, for VGA and PS/2 or USB
- CA Modules can be connected using up to 15m UTP/STP cable

KVM-Switch MC5 – 4 Simultaneous Users – 24 Servers	32367
KVM Switch MC5-IP – 4 Simultaneous Users incl. IP – 24 Servers	32368
Redundant Second Power Supply	39368

KVM Switch SC5, Dual Access: local & C5 – 16 Server	32365
KVM Switch SC5-IP, Dual Access: local & IP – 16 Server	32369
19" Rack Mount Kit available upon request	



32365 & 32369
back view



32357
Front & back view
C5 User Station USB



32358
Front & back view
C5 User Station Pro-300



39356
Front & back view
C5 User Station USB-300



39357
Front & back view
C5 User Station USB



MC5 User Station Junior (PS/2 & VGA)	32357
MC5 User Station Pro-300 (Audio, PS/2 & VGA HiRes long distance)	32358
MC5 User Station USB (USB-HID & VGA)	39357
MC5 User Station USB-300 (USB-HID, VGA & Audio, 300 m)	39356

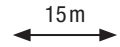
MC5 Module PS/2 & VGA	39351
MC5 Module USB & VGA	39352
MC5 Module PS/2 & VGA & Audio CD Stereo Quality	39353
MC5 Module USB & VGA & Audio CD Stereo Quality	39354
MC5 Module SUN MD-8 & VGA & Audio CD Stereo Quality	39355

WHICH EXTENDER DO I NEED?

1. What distance is required?
2. What signals have to be transmitted: PS/2, VGA, USB, RS232, Audio, ...?
3. Do you need digital signals: DVI-D, HDMI, USB?
4. Do you want a local workstation besides the remote KVM access with the ability to switch between both on demand?

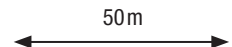
Short distances up to 15m

Use Premium LINDY cables - no extender required - for USB use LINDY active extension cables. Suitable LINDY cables can be found in the cable chapter starting on page 202.



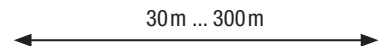
Distances up to 50m

Use LINDY Premium or Premium GOLD cables in combination with a signal extender (i.e. as below for PS/2) or one of the USB KVM extenders on the following pages.



Distances up to 300m

Starting at 30m, Cat.5 Extenders are recommended.



KVM over IP: worldwide KVM access, www & LAN, dial up

Access servers worldwide and save time and travel expenses!

Access servers at your customers locations from great distances, regardless of the time. The only requirement is a high bandwidth link for daily work.

Slow connections reduce the performance and usability of KVM over IP.



Cat.5 Extender USB HID Keyboard & Mouse



Sends keyboard and mouse signals over distances up to 300m

- Connect the transmitter and receiver using inexpensive UTP or STP cable
- Active extender, receiver with power supply (included)
- Only for use with standard keyboard & mouse

32686

Cat.5 Extender PS/2 Keyboard & Mouse



Sends keyboard and mouse signals over distances up to 100m

- Passive extender
- The connection between receiver and transmitter is made by inexpensive UTP or STP RJ45 cable at the required length

32685

USB 2.0 Cat.5 Extender 50m Classic, 1 Port



- Supports one USB 2.0 device or a hub over a distance of up to 50m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/ Low Speed
- Supplied with multi-country power supply

42693

Cat.5 VGA Extender 300m



- Transmits VGA signals over Cat.5e / 6 Cable
- Quick and easy to install
- Supports 1920x1200 up to 300m

32540

Cat.5 VGA Extender passive



- Transmits VGA signals over Cat.5e cable
- Easy installation
- Supports the following distances: 100m @ 640x480, 75m@800x600, 50m@1024x768, 30m@1280x1024
- Note: When connecting LCD/TFT monitors, please use shielded RJ45 cables

37571

DVI Cat.5 Extender active



- DVI signals via flexible Cat.6/6A RJ45 cable
- Active Extender with repeater 1920x1200 @ 60Hz up to 50m with Cat.6a S/FTP cable

38300

KVM IP Access Switch Classic

Access your KVM switches and servers in your branch offices or at your customers' worldwide via the Internet.

- Operation and administration via browser
- BIOS level access to the servers
- Up to 155 user and admin accounts can be defined
- USB Virtual Media support: emulates a local drive at the IP user as a virtual drive on the accessed computer
- Further details see www.LINDY.com



For USB or PS/2 mouse and keyboard

39414

KVM Extender C5 Series Modular **3 YEAR GUARANTEE**

Free combination of user stations with computer modules. Select between the different options:

- PS/2 or USB HID support for mouse and keyboard
- PRO-300 models for premium VGA quality up to 1600 x 1200 even at 300m
- Audio line signal support with stereo CD quality



MC5 User Station Junior (PS/2 & VGA)

- PS/2 and VGA
- 1600x1200 up to 75m, up to 1280x1024 at 200m

32357



MC5 User Station PRO-300 (Audio, PS/2 & VGA, 300m)

- PS/2, VGA and Audio CD Stereo
- up to 1600x1200 at 300m

32358



MC5 User Station USB (USB-HID & VGA)

- USB HID (mouse & keyboard) and VGA, 1600x1200 up to 75m, or 1280x1024 up to 200m.
- This user station features an integrated KVM Switch, so that the remote user can add a local workstation (connected via another MC5 CAM)

39357



MC5 User Station USB-300 (USB-HID, VGA & Audio, 300m)

- USB HID (mouse & keyboard), Audio and VGA 1600x1200 up to 300m.
- Features an integrated KVM Switch, so that the remote user can add a local workstation (connected via another MC5 CAM)

39356



MC5 Computer Module PS/2 & VGA

- PS/2 and VGA
- Length ~ 25cm

39351



MC5 Computer Module USB & VGA

- USB-HID, VGA and audio
- CD stereo quality
- Length ~ 25cm

39352



MC5 Computer Module PS/2, VGA, Audio

- PS/2, VGA and audio
- CD stereo quality
- Length ~ 25cm

39353



MC5 Computer Module USB, VGA, Audio

- USB-HID, VGA and audio
- CD stereo quality
- Length ~ 25cm

39354



MC5 Computer Module SUN MD-8, VGA & Audio

- MD-8 keyboard & mouse, VGA and audio
- CD stereo quality
- Length ~ 25cm

39355

Cat.5 KVM Extender Combo 300 PS/2, USB & VGA



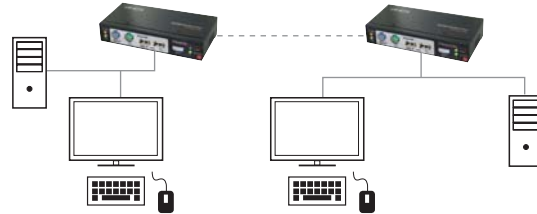
Transmitter front & back



Receiver front & back

Cat.5 Extender for VGA and USB keyboard & mouse. With electronic image enhancement for RGB skew delay compensation, brightness and sharpness.

- At the transmitter an integrated KVM switch allows for local console access to the server or KVM switch
- At the receiver another KVM switch allows to connect a local user's workstation. Switching is via keyboard hotkey
- Maximum resolution typically up to 300m at 1920x1200



39378

Cat.5 KVM Extender Dual Head VGA & Audio



Transmitter front & back



Receiver front & back



Supports two VGA monitors and USB mouse and keyboard for distances up to 200m

- Connection via two inexpensive RJ45 Cat.5e/6 cables
- Transmitter with monitor ports to connect a local console
- Interface connections for two VGA monitors, USB mouse, keyboard and stereo speakers on the receiver
- Supports VGA signals up to 1600x1200 at distances up to 200m
- 2x KVM system cable for transmitter to PC connection included

39396

VGA Skew Compensator for Cat.5 Extender

Compensates for image distortion when using Cat.5 extenders

- Improves video quality for large distances
- May extend the maximum distance of extenders to 300m
- Compensates RGB image distortions introduced by using Cat.5 cable
- Color distortion removal



32766

HDMI & KVM OVER GIGABIT EXTENDER ALMOST LIMITLESS

Smart and innovative solutions in KVM, AV and networking have always been our strength. We have offered these technologies since their inception and consequently, have decades of experience. But, if you do not want to install a separate cable for every extender, new ideas are needed. Using existing wiring is one solution.

KVM/Extender and IP/network technology, once strictly separated from one another, are growing ever closer together. Existing network cable infrastructure can be used for AV, KVM and Signage purposes. The LINDY HDMI KVM OVER GIGABIT EXTENDER uses the fact that network structures are distributed building-wide these days. This allows simple point-to-point connections as well as complex one-to-many signage solutions. The LINDY HDMI KVM OVER GIGABIT EXTENDER installation can be made Individually and to fit the specific needs of each application, thanks to the future-proof synthesis between KVM and network technology.



HDMI & KVM over Gigabit Extender and Digital Signage System with Broadcast Function



- Can be used to extend (1x TX to 1x RX) or broadcast (1x or multiple TX to multiple RX)
- Supports HDMI Full HD 1080p via Ethernet
 - Supports high-resolution graphics and smooth video playback
 - Supports transmission of HDMI, USB HID, RS232 and IR remote control signals
 - USB support for asynchronous devices such as USB mouse, keyboard, touch screen; not for USB mass storage, memory sticks, webcams or printers
 - Transmission over a dedicated Cat.6 cable up to 100m or via Gigabit Ethernet
 - Transmitter connects to the computer/DVD/BD player (HDMI/DVI-D, USB)
 - Receiver connects to monitor/projector/TV (HDMI / DVI-D) and 4x USB devices

HDMI & KVM over Gigabit Extender Transmitter

38066

HDMI & KVM over Gigabit Extender Receiver

38067

Cat.6 KVM Extender Classic HDMI USB Audio 50m

Transmits HDMI Full HD 1080p and 3D Blu-ray in full resolution and quality including USB mouse and keyboard.

- Up to 50m and Stereo audio
- Connection via RJ45 Cat.5e/6 cable
- Optional second console with HDMI Monitor, mouse and keyboard on the transmitter
- HDMI 1.4 compatible, supports resolutions up to 1920 x 1080, including digital audio, HDCP and 3D
- Analog audio via 3.5mm connectors
- Supports USB mouse and keyboard signals



39371

Dual Head HDMI Cat.6 KVM Extender USB 150m

Extends KVM signals (2 x HDMI & USB keyboard & mouse, stereo audio, IR & RS232) over two Cat.6 STP cables at distances of up to 150m

- Can reach up to 150m with high quality RJ45 solid core cable and high quality HDMI input
- Supports HDMI 1080p60 at up to 150m, HDCP and DVI-D up to 1920x1200
- USB mouse and keyboard support (USB 2.0 devices and hubs are not supported)
- Supports RS232 Full Duplex up to 115200 bps, cables included
- Supports IR signals from RX to TX, IR adapter cables included



39372

KVM Extender DVI-D & USB Fiber Optic 1000 m or 5000 m



Transmitter,
front & back Receiver,
front & back



Transmitter,
front & back Receiver
front & back



Transmitter,
front & back Receiver
front & back

Transmits DVI-D including IR, USB mouse and keyboard input signals up to 1000 m or 5000 m

- DVI-D Single Link up to 1920 x 1200
- Supports USB mouse and keyboard (only basic functions) as well as USB or PS/2 interface to the PC
- IR remote control signals via optional IR kit 38006
- Extends via FO cable:
 - **39399, 39395:** Multi-mode 50/125µm SC Duplex FO cable up to 1000m
 - **39379:** Single-mode 9/125µm LC-Duplex FO cable up to 5000m

KVM Extender Dual Head DVI-D & USB Duplex SC Multi-mode 1000m	39395
KVM Extender DVI-D & USB Duplex SC Multi-mode 1000m	39399
KVM Extender DVI-D & USB Duplex LC Single- Mode 5000m	39379
Infrared Kit	38006

Cat.5 KVM Extender Classic DVI USB Audio, 50m

This KVM Extender transmits DVI-D Single Link and HDMI signals with resolutions up to 1920 x 1200 without quality loss over distances of up to 50m. USB signals are also supported.

- Connection via RJ45 Cat.5 cable
- DVI-D Single Link, DVI 2.0 compatible, supports digital DVI-D resolutions up to 1920 x 1200
- DVI-D and HDMI support, including audio, HDCP and 3D
- Supports USB devices and data rates up to USB 2.0/1.1 Full Speed 12Mbit/s.
- Built-in USB audio adapter for connecting speakers, microphone and line-in
- Easy to use and install - no software installation



Transmitter,
front & back Receiver
front & back

39377



**SIMPLE VIDEO EXTENDERS ARE FOUND
IN THE AV CHAPTER:**

- DVI PAGE 53
- HDMI PAGE 47
- DISPLAYPORT PAGE 44
- VGA PAGE 65

**SIMPLE USB EXTENDERS ARE FOUND
IN THE USB CHAPTER:**

- USB 1.1 PAGE 169
- USB 2.0 PAGE 168

... latest products at LINDY.com

Cat.6 KVM Extender DVI & USB 2.0 Family with Matrix Switching Function



This product family of KVM extenders for DVI-D and USB 2.0 signals has been improved in 2015. KVM matrix switching function and support for transmission of KVM signals via a Gigabit Smart Switch as well as switching between different transmitters in the KVM network has been added. The new switching function including mass storage, VGA, audio and RS232 can be unlocked via a paid activation code. This product family will continue to function as high quality KVM extenders even without the additional paid features.

Transmitter (TX, source computer) and receiver (RX, user console) are available separately and can be combined. Existing units purchased the past two years can be upgraded with switching functionality via a simple firmware update. Additional options for the RX units can be purchased which then automatically updates TX units once connected. All receivers in a matrix switching network must have the same firmware and purchased options for proper functionality. The following options are available for unlocking:

09220: Mass Storage, 09205: Audio, 09206: VGA, 09208: Matrix Switching.

KVM Extender for DVI-D and USB Signals

- Supports DVI-D up to 1920 x 1200, digital transmission without loss in quality
- DVI compatible, no support for HDCP or HDMI audio
- Remote console includes 4 USB ports, transparent USB 2.0 support
- USB 2.0 support for almost all USB devices except USB 2.0 sticks and drives (mass storage protocol)
- USB 2.0 Mass Storage support available as unlockable paid feature

Base Model Cat.6

- Connection via Cat.5/6 cable up to 130m, auto adjustment based on electrical properties of the cable
- Up to 2x 130m when using via a Gigabit switch
- DVI compatible, no support for HDCP or HDMI audio, HDMI/DVI cable included
- Supports only the following functions: Matrix Switching, Mass Storage



39200: Transmitter 39202: Receiver
Images can be similar, front & back

Cat.6 KVM Extender DVI & USB 2.0, Cat.6 Transmitter (universal)	39200
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage support, Cat.6 Receiver	39201
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage support, Cat.6 Receiver	39202

Base Model Cat.6, with unlockable functions

- Connection via Cat.5/6 cable up to 130m, auto adjustment based on electrical properties of the cable
- Up to 2x 130m when using via a Gigabit switch
- Supports the following functions:
Audio, VGA, Matrix Switching, Mass Storage, (RS232)



39210: Transmitter 39211: Receiver
Images can be similar, front & back

Cat.6 KVM Extender DVI & USB 2.0, Cat.6 Transmitter (universal)	39210
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage support, Cat.6 Receiver, no unlockable functions	39211
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage function unlocked, Cat.6 Receiver	39212
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage with Audio function, Cat.6 Receiver	39213
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage and Audio function unlocked, Cat.6 Receiver	39214

Base Model Fiber Optic, with unlockable functions

- Connection via duplex LC up to 500m, SFP module changeable for up to 20km distances
- Supports the following functions:
Audio, VGA, Matrix Switching, Mass Storage, (RS232)



39240: Transmitter 39241: Receiver
Images can be similar, front & back

Fiber Optic Duplex LC KVM Extender DVI & USB 2.0 Transmitter (universal)	39240
Fiber Optic Duplex LC KVM Extender DVI & USB 2.0 Receiver, no unlockable functions	39241



NETWORKING – LAN SECURITY

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SERVER AND NETWORK SOLUTIONS COMPLETELY CUSTOMIZABLE

THE DESIGN AND PLANNING OF A SUSTAINABLE PHYSICAL INFRASTRUCTURE ARE PERHAPS THE MOST IMPORTANT FACTORS IN NETWORK CONSTRUCTION. ESPECIALLY IN SMALL TO MEDIUM SIZED NETWORKS THAT ARE MANAGED AND RUN LOCALLY.

Future extendibility and requirements are especially important here as the space in computer centers and server rooms is becoming more expensive. The following example installation shows how LINDY products can be used together to establish an organised server and network environment for day-to-day operations, one that is easy to extend and modify, simple to maintain and which meets the safety requirements which are becoming more and more important.

CABINET OR RACK?

A number of factors determine whether to install a cabinet or a rack. When installing heavy-duty equipment, or in an especially high humidity or dusty environment, or in cases where the equipment needs to be secured for safety reasons, we recommend you go for a cabinet. On the other hand, if the installed devices need to be accessed from all sides or the location is in a secured computer centre or server room, an open rack is preferred.

COOLING

Even if the cooling system is sufficient in the server room, the temperature in a closed network and server cabinet can go up as the number of devices increases. Heat dissipation is no longer ensured through lower ambient temperature which means adequate air circulation must be provided. This requirement can be met by building additional ventilation units in the ceiling or on the floor or between the devices.

SAFETY

This commonly talked about issue can be approached from various angles. Direct on site access can be prevented in the standard way using lockable cabinets. However, if the computers inside need to be administered via remote maintenance, one soon comes up against limitations when the system crashes or if BIOS access is needed. Power Switching over IP overcomes these limitations in a simple way by providing remote switching access to the computer's power supply. These are 19" network devices which are simply integrated into the cabinet and which - similar to a power strip - distribute the supply current to the computers. Each port can be switched individually which makes it possible, e.g. in the event of a system crash or computer freeze, to simply reboot (providing that power management is set up correctly in the BIOS).



CABINETS

→ Page 106, No. 22315-22322

WALL CABINETS

→ Page 107

RACK

→ Page 107, No. 22364-22365

CEILING & FLOOR VENTILATION UNIT

→ Page 108, No. 22345

19" VENTILATION UNIT

→ Page 108, No. 22344



IP POWER SWITCHING

→ Page 110-111

MOISTURE, NOISE & DUST?

If a server or network cabinet is used in harsher environments such as production rooms or workshops, it must have an IP rating. The IP protection class indicates the extent to which the cabinet is protected against external influences such as water or dust.

POWER SUPPLY

The space requirement must be planned for the power supply, cables and also when planning the number of devices. The devices (outlets) for the power supply can be mounted on the lateral support rails horizontally or vertically in a space-saving manner. Make sure the connector assignments are well organised. Cabinets and racks can be fitted with guide elements for current and patch cables for sustainable and well-managed cable management.

SPACE REQUIREMENT & LOAD

Size and load bearing capacity plays an important role when choosing a cabinet or rack. It is very important to know what future requirements the company is likely to come up against. What devices are to be built? What weight do the devices have under a full load? What is the depth and width of the devices? How much space is needed for the cable management? How much space (height and width) is available in the environment? Do side panels need to be easily disassembled for maintenance work? Servers, switches and patch panels vary enormously on account of their space requirement. This must be taken into account when planning.

ORGANISATION

Space-saving and organisation are becoming increasingly important in network and server environments. We recommend space-saving planning is put in place ahead of time and also that you use patch cables in the correct lengths and colours to ensure clear and easily identifiable cabling. To improve organisation and management, fit high quality cabinets and racks with cable guide elements and attachment elements. Use additional guide elements to manage cables along the horizontal with precise, direct alignment to the installation devices. Hook and loop cable ties provide secure, flexible attachment of cables and well - managed cable binding - for both copper and pressure sensitive fibre optic cables. Additional, removable shelves for monitors and keyboard inserts also ease of maintenance and avoid cable tangle.

PATCH PANELS & ACCESSORIES

LINDY patch panels enable convenient implementation of even the most ambitious planning projects irrespective of whether the very last centimeter of cabinet space is important or when securing high performance network connections or price-sensitive concepts in basic environments. Using intelligent planning and additional elements such as port doublers, adapters, network or IPower switches, network or server cabinets can be complemented efficiently and extended at any time from a single source.

CABINET IP-CLASSIFIED

→ On special order



IP POWER SWITCHING

→ Page 110–111

CABLE MANAGEMENT

→ Page 109



SHELVES

→ Page 109

PATCH CABLES

→ Page 124–130

CABLE TIES

→ Page 117

FIBER OPTIC CABLES

→ Page 118



PATCH PANELS

→ Page 119–121

NETWORK SWITCHES

→ Page 114 – 115

PORT DOUBLER

→ Page 132

RJ45 ADAPTERS

→ Page 132–133

22305
15U LAN Cabinet
up to 45U



LAN & Server Cabinets

LAN Cabinets (footprint 800 x 800mm)

High quality, functional and comes with a wide range of accessories. Our LAN cabinets offer plenty of space for network components and cabling. The 19" vertical fixing rails are adjustable and come standard with glass door or upon request, also available with a perforated steel plate or with full metal door.

Server Cabinets (footprint 600 x 1000mm)

High quality, functional and comes with a wide range of accessories. These server cabinets with 1000mm depth are designed for professional servers. With 3 vertical 19" frames, this allows deeper servers to be mounted to the front and rear frames and short drive arrays to be mounted to the front and center frame.



22311
42U LAN Cabinet
from 15U to 45U

- The LINDY 19" LAN cabinets come standard with glass door or upon request, the cabinets are also available with a perforated steel plate or with full metal door.
- The standard color is RAL 7035 (light gray). Also available in RAL 9005 (black).
- Completely collapsible cabinet make it possible to transport and assemble to inaccessible places. Individual parts can easily be transported and delivered to deployment sites. Give us a call! We are happy to help you regarding the best equipment for your cabinets or wall enclosures.

- Footprint
LAN Cabinet: 800x800 mm
Server Cabinet: 600x1000mm
- Available in 8 different heights
- 2x 19" (LAN Cabinet) and 3x 19" (Server Cabinet) frame from galvanized mounting rails, changeable in distance position and longitudinal direction
- Protection classification IP 30
- Integrated grounding system
- Central grounding point for grounding connection
- Glass door: 4mm thick tempered safety glass with handle and key lock
- Welded frame construction for heavy loads
- Rear, side walls and the roof cover allow use of the optional ventilation unit (22345), removable without the need for tools (secured with locks)
- Standard with 180° swivel glass door, for right and left mountable
- 300kg maximum load for models up to 22U
- 400kg maximum load for models up to 45U
- Color light gray; RAL 7035

Please contact LINDY International on terms of delivery and details of delivery service.

LAN Cabinet 15U	770x800x800 mm (HxWxD)	22305
LAN Cabinet 18U	900x800x800 mm (HxWxD)	22306
LAN Cabinet 22U	1080x800x800 mm (HxWxD)	22307
LAN Cabinet 27U	1300x800x800 mm (HxWxD)	22308
LAN Cabinet 32U	1525x800x800 mm (HxWxD)	22309
LAN Cabinet 37U	1750x800x800 mm (HxWxD)	22310
LAN Cabinet 42U	1970x800x800 mm (HxWxD)	22311
LAN Cabinet 45U	2105x800x800 mm (HxWxD)	22312

Server Cabinet 15U	770x600x1000mm (HxWxD)	22315
Server Cabinet 18U	900x600x1000mm (HxWxD)	22316
Server Cabinet 22U	1080x600x1000mm (HxWxD)	22317
Server Cabinet 27U	1300x600x1000mm (HxWxD)	22318
Server Cabinet 32U	1525x600x1000mm (HxWxD)	22319
Server Cabinet 37U	1750x600x1000mm (HxWxD)	22320
Server Cabinet 42U	1970x600x1000mm (HxWxD)	22321
Server Cabinet 45U	2105x600x1000mm (HxWxD)	22322

19" Open Rack



image for illustration purposes only

Ideal for engineering laboratories and environments in which PC & hardware configurations must be changed frequently. Can also be used with open frame patch panel. Rollers (22328) can be attached making this rack mobile.

- Footprint: 616mm x 800mm
- Available in two heights
- Maximum load: 400kg
- Fully assembled on pallet

supplied without show installed components.

19" Open Rack 32U	1587x616x800 mm (HxWxD)	22364
19" Open Rack 42U	2031x616x800 mm (HxWxD)	22365
Other heights available		

19" Wall Mount Box SOHO - upright



Designed for small networks, sub-distributions and ISDN-/telephone systems, etc. It's 200mm depth allows it to be installed on areas with limited space.

- Lockable glass top door opening angle > 180°
- Front cover removable for installation
- Space for 19" 4U
- Bottom cable release
- Including 2 pairs of 19" rails, adjustable to six positions

22210

Wall Cabinet (Depth 395mm)



- Width 600mm, depth 395mm
- Maximum usable depth of 360mm
- Available in 6 different heights
- IP 30
- Safety glass door with lock
- Maximum load up to 40kg
- Light gray, RAL 7035
- Including installation tools & installation instructions

4U, single piece	280x600x395 mm (HxWxD)	22350
6U, single piece	370x600x395 mm (HxWxD)	22351
9U, single piece	500x600x395 mm (HxWxD)	22352
12U, single piece	635x600x395 mm (HxWxD)	22353
15U, single piece	770x600x395 mm (HxWxD)	22354
18U, single piece	900x600x395 mm (HxWxD)	22355

Wall Cabinet, Flat Pack



The LINDY flatpack wall cabinets are delivered dismantled and thanks to its unique design, it can be assembled and mounted in a few minutes, tool-free installation. It's made of 1mm steel sheets and is assembled using pins adding stability to the cabinet. The lockable glass door hinges can be mounted on the left or right side. The entire wall housing comes as a complete package to your customer.

- Width 550mm, depth 400mm
- Maximum usable depth of 360mm
- 3 different heights
- IP 30
- Safety glass door with key lock
- Color: light gray RAL 7035
- To be assembled upon delivery
- Including installation tools & installation instructions

Wall Cabinet, Flat Pack, 4U	230x550x400 mm (HxWxD)	22390
Wall Cabinet, Flat Pack, 6U	320x550x400 mm (HxWxD)	22391
Wall Cabinet, Flat Pack, 9U	463x550x400 mm (HxWxD)	22392

Two Piece Wall Cabinet (Depth 515mm)



- Wall cabinet with 180° hinge design provides optimal accessibility for the installed components
- Width 600mm, depth 515mm
- Max. usable depth of 480mm
- 6 different heights available
- IP 30
- Safety glass door with lock
- Maximum load up to 40kg
- Color: light gray RAL 7035
- Including installation tools & installation instructions

4U, two piece	280x600x515 mm (HxWxD)	22356
6U, two piece	370x600x515 mm (HxWxD)	22357
9U, two piece	500x600x515 mm (HxWxD)	22358
12U, two piece	635x600x515 mm (HxWxD)	22359
15U, two piece	770x600x515 mm (HxWxD)	22360
18U, two piece	900x600x515 mm (HxWxD)	22361

Cooling Unit



Ventilation unit with 4 fans for 19" LINDY network cabinets. This unit can be installed on the top of the cabinet. If installed below the cabinet, additional assembly frame (22347) is required when cabinet is not mounted on 22325 or 22326. Includes thermostat (for temperature control)

Cooling Unit with 4 fans, color gray, RAL 7035	22345
Versions with 2 or 6 fans also available upon request	

Base for 19" Cabinets



This cabinet base can be installed together with stabilizers (22327), recommended for cabinets, equipped with pull-out servers.

The base mounting kit consists of:

- 2x cable guide on the longer sides (covered by knockout blank panels)
- 1x cable guide on front and rear side panels (covered by knockout blank panels)
- 1x cover with filter
- 1x dust brush, including installation tools

Network Cabinet Base 800 x 800mm	22325
Server Cabinet Base 600 x 1000mm	22326

19" Cooling Unit, 2U



- Cooling unit, 2U with 2 vertical fans for ventilation i.e. for larger server cabinets.
- Includes thermostat

19" Cooling Unit, 2U, 2 fans, color gray, RAL 7035	22344
Also available horizontally or with 4 fans upon request	

Mounting Frame for Cooling Unit



This frame is required for assembly if the cooling unit (22345) is installed below the cabinet. Only needed if 22325 or 22326 are not installed.

	22347
--	-------

Rollers for 19" Server Cabinets



- 2x heavy duty rollers without brakes
- 2x heavy duty rollers with brakes
- Including installation tools

22328

Stabilizers (collapsible)



These stabilizers are engineered for server cabinets with heavy 19" components against tipping. They are mounted separately to the server base (22325/26) and are collapsible.

22327

Leveling Feet for Server Cabinets



- Adjustable feet for levelling uneven ground.
- Including nuts and washers
- M10 Threads

22329

Lighting Unit, 1U



- 19" slide-in lighting unit for server cabinets. Illuminates 19" components from the top. Lighting by 3x 20W standard halogen bulbs.
- Including halogen bulb

22348

Shelves for 19" Racks, 1U

- For all cabinets with 19" racks
- Shelves of different capacities and depth

150mm and 250mm mountable only for front 19" frame. For all other depths, recommended is 4 point mounting.

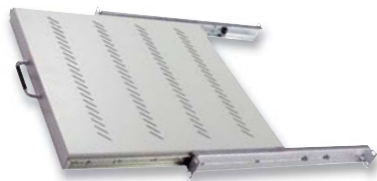


Depth	Max. capacity	
150 mm	15 kg	22370
250 mm	15 kg	22371
350 mm	50 kg	22372
450 mm	80 kg	22373
550 mm	80 kg	22374
650 mm	80 kg	22375
750 mm	80 kg	22376
450 mm	150 kg	22377
550 mm	150 kg	22378
650 mm	150 kg	22379
750 mm	150 kg	22380

Shelves in black 150mm - 650mm also available upon request

Pull-out-Shelf / Drawer

Drawer for small items or when inverted (as shown) as shelf, i.e. for PCs in the mini tower case.
1U, depth: 450mm, Load: 30kg, color gray, RAL 7035



22331

Keyboard Drawer, 2U

- Lockable 19" 2U keyboard drawer with separate retractable mouse shelf



22332

Mounting Screws, 19"

- 50 screws for 19" components
- Suitable for most cabinets
- Including black plastic washers and cage nuts



22368

Cable Organizer Ring, 1U



22340

22341

22342

- Metal cable management ring made of stainless steel. For organizing cables in server cabinets or wall cabinets.
- Includes 2x fixing screws, washer and nut.

Cable Organizer Ring 40 x 40mm	22340
Cable Organizer Ring 40 x 80mm	22341
Cable Organizer Ring 80 x 80mm	22342

Cable Organizer, 1U, 70mm



Organize patch cables between your 19" racks. With its 70mm depth, it can keep several of your patch cables organized at once.

20726

Cable Organizer Panel, 1U, 40mm



For quick and easy organization of your patch cable in server cabinets or wall cabinets.

22338

Cable Guide, 1U



Guides patch cables to patch panels of 19" racks


22337

Blank Panel 19"




For covering gaps between mounted 19" components.

Blank Panel 1U, gray, RAL 7035	22335
Blank Panel 2U, gray, RAL 7035	22336



**SIMPLY ACCESS
OUR IPOWER
PRODUCTS VIA
BROWSER, ANDROID
& IOS APPS**



... available on Google play and App Store under "LINDY-Control"

IPower Control Plus



- Switch access via browser, LINDY Control App, power meter integrated
- Temperature or humidity sensor connector for e.g. 32648 or 32640 (round connector)

32672

IPower Control 4 DIN



- Switch access via browser, LINDY Control App or RS232 with various switching options
- For mounting on EN 50022 compliant DIN rails
- 4 terminal ports, potential-free, max. 16A per channel

32650

IPowerStrip 4



- 4x schuko female, individually switchable via browser, LINDY Control App
- SNMPv1, SNMPv2c (gets and traps), Syslog
- Input for temperature and humidity sensor
- Suitable for 19" mounting

32651

IPowerMeter



For monitoring electrical devices over a TCP/IP network. Available with 7 Schuko or with 8 IEC 320 C14 outlets.

- Measures current, voltage, phase angle, power factor (PF), frequency, active power, apparent power and reactive power
- Two display counters: continuous operation, other can be resetted
- Easy and flexible configuration via browser, including Windows or Linux software
- Optional control via command line tool (e.g. data query)



32711



32712

IPowerMeter 7x Schuko

32711

IPowerMeter 8x IEC

32712

Sensors for IPower Control & IPowerStrip

- With PS/2 type round (Mini DIN 6) or RJ11 connector
- **32648:** For IPower Control model 8, Strip4 or Plus models
- **32649:** For model 2x6



Temperature Sensor for IPower Control – round plug

32648

Temperature Sensor for IPower Control 2x6 - RJ11

32649

Other sensors also available upon request

IPower Control 8 & 2 x 6



32652



32660



32690



32660 & 32690

- Output: 8 or 2x6 IEC 320 C14 connectors, individually switchable via IP access via browser or LINDY Control App or RS232
- Measurement of various electrical data
- Switch access via browser, LINDY Control App or RS232 with various switching options
- Watchdog function to monitor devices connected via ICMP / TCP
- SNMP and Syslog supported and SNMP Traps
- Sensor input for temperature and humidity sensors

IPower Control 8

- 1 input – 8 outputs
- Integrated power meter per input

32652

IPower Control 2x6 M

- 2 inputs each with 6 outputs
- Integrated power meter per input

32660

IPower Control 2x6 XM

- 2 inputs each with 6 outputs
- Integrated power meter per input and per output

32690

IPower Control Classic 8 / 16



32657



32658

Switches the power of up to 8 or 16 computers, routers, LAN switches, access points or other electric devices. The ports can be switched individually, in groups or together.

- Configurable via browser or included configuration software
- Integrated power meter

IPower Control Classic 8

- 1 input – 8 outputs
- Integrated power meter per input

32657

IPower Control Classic 16

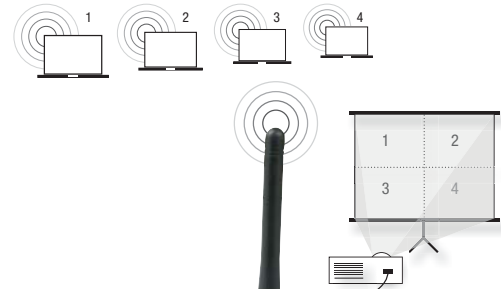
- 1 input – 16 outputs
- Integrated power meter per input

32658

WLAN Audio & Video Projector Server



32697



32701



Wirelessly connect PCs, notebooks, smartphones & tablets to a projector or LCD TV

- **32697:** Compact version, directly connect to VGA port of a projector or monitor
- **32701:** with HDMI output and Audio support

WLAN 11N VGA Projector Server Compact	32697
WLAN 11N HDMI & VGA Projector Server Audio & Split-Screen	32701

WHDI Extender for HDMI Signals, Full HD



- Send uncompressed HDMI WLAN/WiFi
- For high resolution graphic images and smooth video playback
- Supports Full HD 1080p, 3D, HDMI 1.4 with HDCP and CEC

38125

HDMI over IP Extender & Distribution System



NEW

Transmitter

Receiver

- HDMI Full HD 1080p via ethernet
- HDMI Full HD 1080p and HDCP compatible (no 3D)
- Supports 1:1 connection, 1:n and n:n distribution
- Connection via fast ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m - use a dedicated network or a port based VLAN
- Supports IR remote control signals

HDMI over IP Extender & Distribution System: Transmitter & Receiver	38126
HDMI over IP Extender & Distribution System: Receiver	38125

HDMI & KVM over Gigabit Extender and Digital Signage Broadcast System



Transmitter

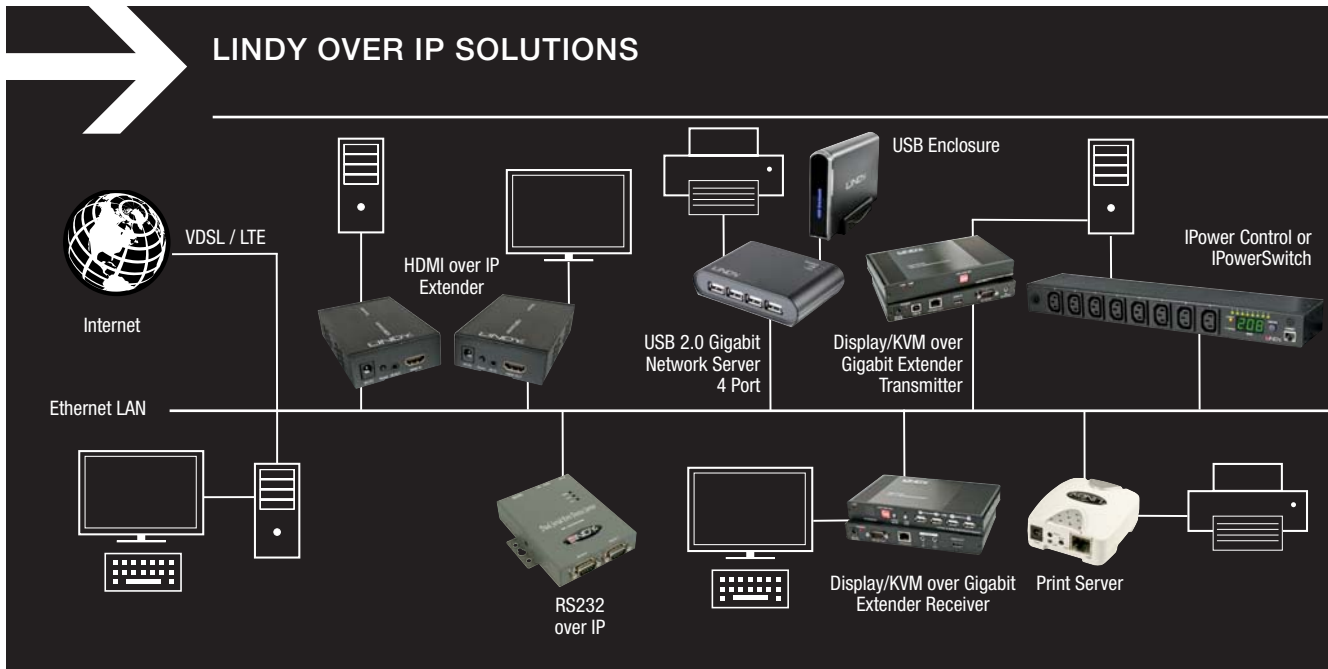
Receiver

38066

38067

- Supports transmission of HDMI, USB, RS232 and IR signals
- Supports 1:1 and 1:n configurations
- Both for high resolution graphics as well as for smooth video playback
- Supports Full HD 1080p, HDMI 1.3, HDCP and DVI-D up to 1920x1080 (1920x1200 not supported)
- USB support for asynchronous devices, not for USB mass storage, webcams or printers

HDMI & KVM over Gigabit Extender Transmitter	38066
HDMI & KVM over Gigabit Extender Receiver	38067



Network Print Servers



LAN Print Server 1P 10/100Base-TX, bidirectional

- 1x Parallel, bidirectional

42374



Print Server 1x USB 2.0 - 10/100Base-TX

- 1x USB 2.0

42395



USB 2.0 & Parallel Port LAN Print Server 10/100Base-TX

- 2x USB & 1x Parallel

42392

USB 2.0 over Gigabit Server, 4 Port



- USB gigabit server for storage, printers, webcams etc.
- Provides four high speed USB 2.0 ports
- 1x RJ45 10/100/100 network connection
- Supports Windows

42633

DCF77 Radio Clock



Receives time and date signal from the DCF77 transmitter station near Frankfurt within a radius of 1500km.

- **20981:** compatible with Windows, DOS, OS/2 and Linux
- **20984:** for Windows and Linux

Radio Clock RS232

20981

Radio Clock USB

20984

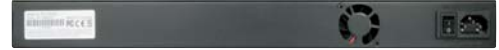
Network Time Server



- Stand-alone NTP-Server
- Reception of the DCF77 signal within a radius of about 2.000km of Frankfurt
- Easy configuration via web interface
- Real time clock with battery backup
- Long wave quality rod antenna included (cable length 5m)

20988

8+2 SFP Port PoE Gigabit Web Smart Switch



- Two additional Gigabit ports for SFP/Mini GBIC modules
- 8 Ports Gigabit Ethernet with PoE on all ports
- Supports Jumbo Frames (max. : 9600 Byte)

25051

SFP / Mini-GBIC Module Type LC



- Gigabit Ethernet LC Duplex Transceiver
- Compatible with most Gigabit Ethernet switches with Mini-GBIC/SFP
- **25015:** 1000Base-SX, Multi-mode, 500m
- **25029:** 1000Base-LX, Single-mode, 5000m

Mini-GBIC Modul LC 1000Base-SX, Multi-mode 500 m 25015

Mini-GBIC Modul LC 1000Base-LX, Single-mode 5000 m 25029

8 Port Gigabit Desktop Switch Premium Metal



- 8 Port RJ45 10/100/1000Base-T Gigabit switch premium
- Rugged metal housing for use in harsh environments
- Silent - without noisy fans for cooling

25045

PoE - Power over Ethernet - active



- Supply data & power over a single Cat5 cable
- Input: 100-240V AC 50/60Hz 0.8A
- Output: 48V DC 15.4W (max)
- Complies with IEEE 802.3af for PoE
- Can be used with UTP or STP cabling

25052

Passives PoE Cable set 10/100



- Can be used for network devices, that require 9V...57V power
- DC power jacks: 5.5/2.1mm

34025

Industrial Switches and Media Converters for Electrical Cabinet



8 Port Industrial Switch
10/100Mbit/s

- 8 RJ45 Ports 10/100Base-Tx
- Link/Activity, Full Duplex/Collision
- Relay contact for failure detection
- Two redundant power inputs 12-48V DC
- Power consumption: 4 watt
- Overvoltage protection, reverse polarity protection
- Protection class IP30

25070



5 Port Industrial Switch 10/100Mbit/s
(Flat Assembly)

- 5 RJ45-Ports 10/100Base-Tx
- Link/Activity, Full Duplex/Collision
- Relay contact for failure detection
- Two redundant power inputs 12-48V DC
- Power consumption: 4 watt
- Overvoltage protection, reverse polarity protection
- Protection class IP30

25072

USB - RS422/485 converter,
isolated



- Connection status will appear on two LEDs
- Up to 32 device connections to the RS485 interface possible
- Mounting bracket for DIN rail EN 50022

42717

USB 5kV Isolation Adapter



- Enables galvanic separation of two USB devices
- USB Standard 1.1, USB 2.0 compatible, max. data rate 12Mbit/s
- Interface: mini USB B and USB A female
- Insulation voltage 5kV

42719

RS232-Extender Cat.5



- Connection via Cat. 5/6 cable
- Up to 921.6 Kbit/s @ 100m or 115.2 Kbit/s @ 1.2km
- 15kV ESD protection for RS232
- Surge protection up to 600W for RJ45
- DIN rail mounting

42720

RS232 / RS422 / RS485 Interface via IP

IP serial servers provide 2 or 4 serial RS232, RS422 or RS485 ports via IP.

25104 & 25105:

The included software installs virtual COM ports on the Windows PCs, that are capable of redirecting output to the IP serial server via your network, where the signals can be processed by the serial ports. Serial ports for machine controls, electronic scales, warehouse automation controls, medical applications, out-of-band management ect.

- Ethernet port with 10/100Mbit/s
- The serial port type can be set to RS232, RS422 or RS485
- Configuration either by: Windows software, Telnet, VT-100, Virtual Com server software (included)



25104



25105



- Serial port (RS232) D9 connector
- Ethernet 10/100Mbit/s,
- Auto MDI/MDIX
- Configurable via web browser
- Baud rate up to 921.6 kbit/s
- DIN rail mounting

42721

IP Serial Server 2 Port	25104
IP Serial Server 4 Port	25105

USB WLAN/WiFi Adapter 11n

WiFi adapter for 802.11n networks with very small housing (30x14x7mm) and only 2 grams weight

- Compatible with IEEE802.11n up to 150Mbit/s
- Supports configuration via WPS
- Drivers: Windows 2000/XP/Vista/7/8
- Dimensions: 20 x 14x9mm



52059

USB Bluetooth 4.0 LE Dongle



- V4.0 IOT 7.0 Class 2
- Supports BT Low Energy

52214

USB WiFi Adapter 11ac 433Mbit/s

- Supports IEEE 802.11ac (433Mbit/s) and 802.11n (150Mbit/s), compatible with 802.11a/b/g/n
- Frequency band: 5GHz or 2.4GHz (Dualband)
- Supported encryption methods: 64/128-bit WEP, AES, TKIP, WPA, WPA2, WPA-PSK, WPA2-PSK
- Supports configuration via WPS (Wi-Fi Protected Setup)
- Range: up to 300m outdoor / up to 100m indoor



52054

USB Bluetooth 3.0 HS + WLAN Adapter



- Combines WLAN & Bluetooth 3.0 high speed mode in one dongle
- Bluetooth 3.0 HS up to 24 Mbit/s
- WLAN-Standard IEEE802.11/b/g/n up to 150Mbit/s

52213

2.4GHz WLAN/WiFi Indoor Antenna

- Connector cable: 1m, with RP SMA connector
- Stand 270° rotatable, also suited for wall or ceiling mounting
- **52109** – Omni-directional Indoor Antenna 2.4GHz, 7dBi
- Distribute your WLAN/WiFi signal across a central point
- Antenna gain ~7dBi
- Height ~30cm
- **52111** – Directional Antenna 2.4GHz 8dBi
- Ideal for directional transmission in a fixed direction
- Angle of radiation: horizontal ~60°, vertical ~110°
- Antenna gain ~8dBi
- Height ~15cm



52111



52109

Omni-directional Indoor Antenna 2.4GHz, 7dBi	52109
Directional Indoor Antenna 2.4GHz, 8dBi	52111

WLAN Outdoor Antenna Cable

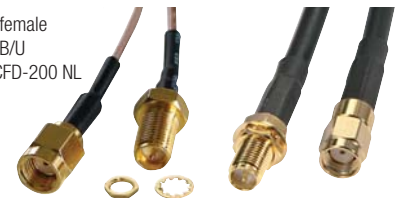
- Waterproof, weatherproof
- Connector for external antenna: N connector
- Connector for wireless device: SMA male connector
- Cable impedance 50 Ohm



	1m	2m	3m	5m	10m
N male to SMA-RP male	35581	35580	35582	35584	35586

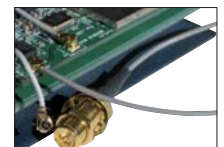
WLAN/WiFi Antenna Extension Cable

- Extension cable SMA-RP male - female
- Transparent: ~1.8mm Ø, RG178B/U
- Black: ~5mm Ø, weatherproof, CFD-200 NL



	1m	2m	3m	5m	10m
Transparent	35579	35575	-	-	-
Black	-	35600	35601	35602	35603

- Adapter Cable to Mini-HF-BNC connector
- For WLAN/WiFi routers, modules and access points, adds or replaces cables with (fixed) antenna



Adapter cable SMA-RP (ext.) to Mini-HF-BNC (int., angled)	35590	35591
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Media Converters

Simple way of connecting twisted pair cabling to Fiber Optic networks

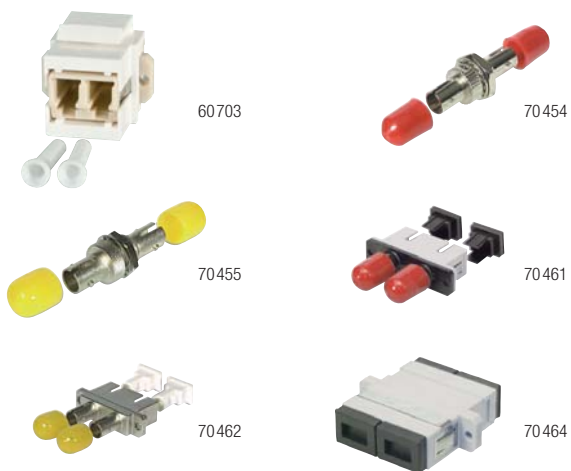


Fiber Optic Connector	SC-Duplex, Multi-Mode	ST-Duplex, Multi-Mode	SC-Duplex, Multi-Mode
Network Standards Cu	IEEE 802.3, 10/100Base-TX	IEEE 802.3, 10/100Base-TX	IEEE 802.3ab, 1000Base-T
Network Standards FO	IEEE 802.3u, 100Base-FX	IEEE 802.3u, 100Base-FX	IEEE 802.3z, 1000Base-SX
Max. distance (Fiber Optic)	up to 2.5 km	up to 2 km	up to 500 m
	25 090	25 091	25 092



Fiber Optic Connector	LC, Multi-Mode	LC, Multi-Mode
Network Standards Cu	IEEE 802.3, 10/100Base-TX	IEEE 802.3ab, 1000Base-T
Network Standards FO	IEEE 802.3u, 100Base-FX	IEEE 802.3z, 1000Base-SX
Max. distance (Fiber Optic)	up to 2 km	up to 550 m
	25 115	25 116

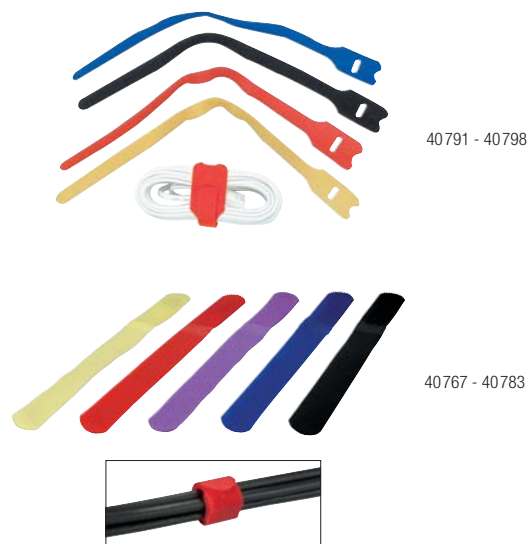
Fiber Optic Adapters / Female to Female



Connector	Ferrule	Housing	Application	
ST-Simplex Multi-mode	metal	all-metal	screw assembly	70 454
ST-Simplex Multi-mode	ceramic	all-metal	screw assembly	70 455
ST/SC-Duplex Multi-mode	metal	plastic	screw assembly	70 461
ST/SC-Duplex Multi-mode	ceramic	all-metal	screw assembly	70 462
SC-Duplex Multi-mode	metal	plastic	screw assembly	70 464

More models available upon request!

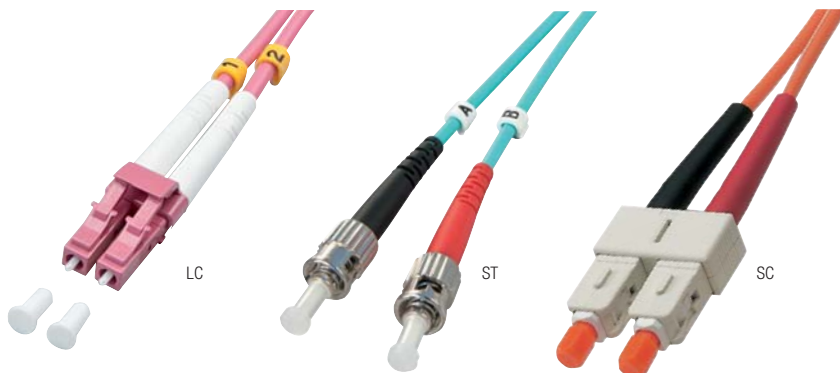
Hook & Loop Cable Ties, 10 pcs



	Black	Red	Yellow	Blue	Purple
17.5 cm	40 767	40 768	40 769	40 775	40 783
20 cm	40 791	-	-	-	-
30 cm	40 795	40 796	40 797	40 798	-

Fiber Optic Duplex Cable, Multi-mode

- Multi-mode diameter core/shell: 50/125 or 62.5/125µm, OM2, OM3 or OM4 version
- Zip twin cable, halogen-free
- Maximum insertion loss 0.3 dB
- Each cable individually tested and measured
- Test certificate attached indicating the individual insertion loss

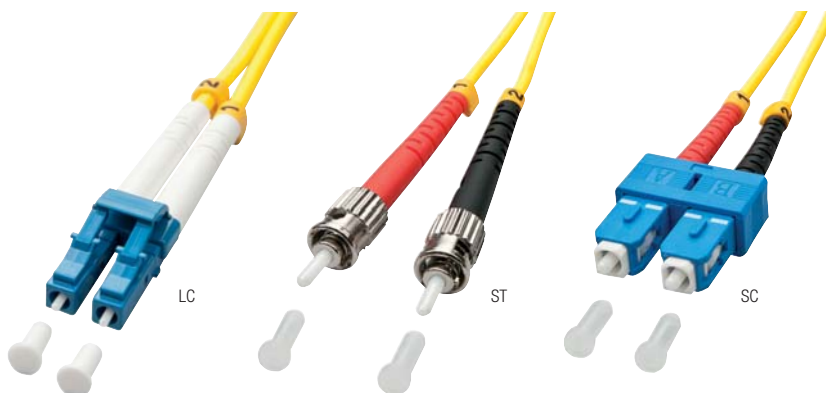


LC, ST & SC Duplex Cable, jacket orange, OM2, aqua blue, OM3 or pink, OM4

Version	Fiber Type	1m	2m	3m	5m	10m	15m	20m	30m	40m	50m	75m	100m	150m	200m
LC / LC	50/125µm OM2	46480	46481	46482	46483	46484	46485	46486	-	-	-	-	-	-	-
	50/125µm OM3	46370	46371	46372	46373	46374	46375	46376	46400	46401	46402	46403	46404	46405	46406
LC / ST	50/125µm OM2	46490	46491	46492	46493	46494	46495	46496	-	-	-	-	-	-	-
	50/125µm OM3	46380	46381	46382	46383	46384	46385	46386	-	-	-	-	-	-	-
LC / SC	50/125µm OM2	46990	46991	46992	46993	46994	46995	46996	-	-	-	-	-	-	-
	50/125µm OM3	46390	46391	46392	46393	46394	46395	46396	-	-	-	-	-	-	-
LC / SC	50/125µm OM2	46490	46491	46492	46493	46494	46495	46496	-	-	-	-	-	-	-
	50/125µm OM4	46360	46361	46362	46363	46364	46365	46366	-	-	-	-	-	-	-

Fiber Optic Duplex Cables, Jacket Yellow, Single-Mode, OS2

- Single-mode diameter core/shell: 9/125µm
- Zip twin cable, halogen-free
- Max insertion loss 0.15 dB
- Each cable individually tested and measured
- Individual insertion loss test report included



LC, ST & SC Duplex Cable

Version	Fiber Type	1m	2m	3m	5m	10m	15m	20m
LC / LC	9/125µm	47450	47451	47452	47453	47454	47455	47456
LC / ST	9/125µm	47460	47461	47462	47463	47464	47465	47466
LC / SC	9/125µm	47470	47471	47472	47473	47474	47475	47476

PATCH PANEL STRUCTURED

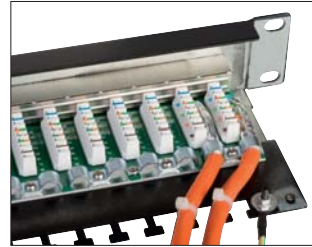
Patch Panels from LINDY allow the easy implementation of even the most ambitious plans for structured cabling. LINDY has the right solution for you - whether you need to use every inch of space, you need to ensure high-performance network connections or you need an inexpensive and simple solution.

The decisive factor for the quality of our Patch Panels is their complete shielding, using a robust steel housing for both the Cat.6 panels for speeds up to 1Gbit/s as well as for Cat.6A with speeds up to 10Gbit/s. Where Cat.6 reaches its limits, Cat.6A Patch Panels are future-proof: Because they use a half height unit with 24 ports you can have as much as 48 ports in one height unit of a rack: That means structured cabling with the highest transfer rates and a high port density within the smallest space.



Gigabit Patch Panel, Cat.6, 24 Ports

- 19" 1U
- 24 Ports RJ45 UTP Cat.6 Gigabit compatible
- LSA connectors for AWG 22-24, color coding according to T568 A and B
- Strain relief via clamping screws and cable ties included



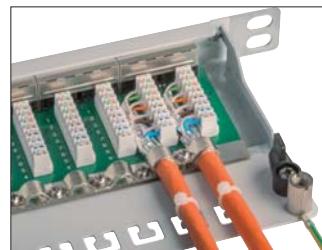
**LEARN
MORE
→105**



25990

1/2U Cat.6A 10Gigabit Premium Patch Panel

- High density: 24 ports in a half rack unit
- 24 Ports RJ45 STP Cat.6A 10Gigabit compatible
- Allows two panels (48 ports) in one rack space
- Material and color: steel, nickel-plated
- AWG26 up to AWG22 installation cable (Solid Core)
- 3P certified for 10GbE, Class EA, Category 6A



White

25883

Black

25884

19" Cable Management Panel



- 19", 1U, with 5 plastic retaining rings

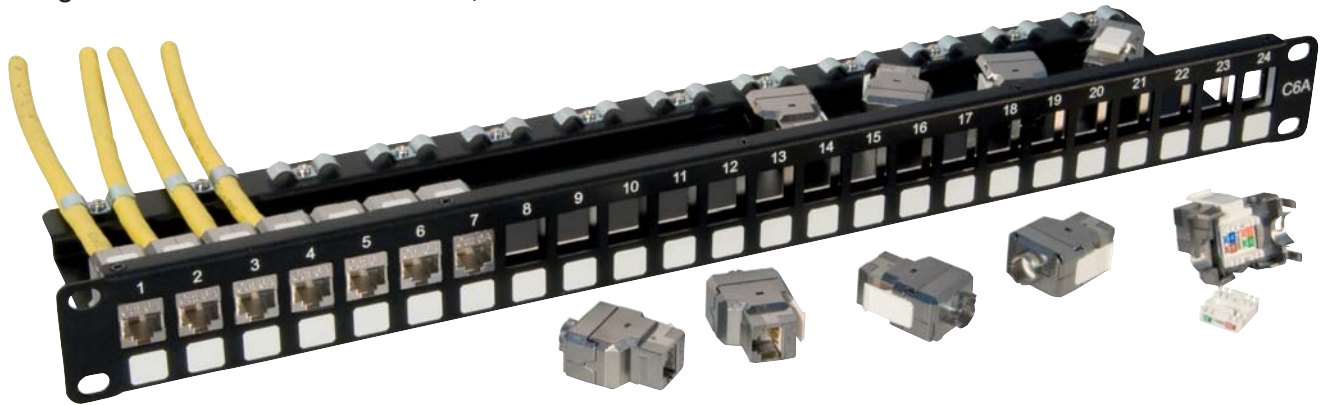
Cable Management Panel 19" 1U , 5 brackets 70mm depth, black

20726

Cable Management Panel 19" 1U , 5 brackets 40mm depth, white

22338

10Gigabit Cat.6A Patch Panel modular, 24 Port



- Modular Premium Patch Panel for network installations with highest demands
- 24 fully shielded 10GbE Cat.6A RJ45 keystones for tool-free assembly with solid installation cable
- Strain relief via clamping screws on the metal frame
- Cable ties fix the cable shield to the keystone housing
- Keystones as well as inline couplers also available separately
- Certified with 4x link for Cat.6A 10GbE
- Color coded according to T568B
- Dimensions: 19" 1U, depth ~ 12cm

Note:
Cat.6A 10GbE link compliance has been tested in combination with our LINDY Cat.6A 10Giga patch cables (12047, page 130) and LINDY inline couplers (25891).

25 894

10Gigabit Cat.6A Keystone



- 10GbE Cat.6A RJ45 Keystone
- Certified with 4x link for Cat.6A 10GbE

25 890

10Gigabit Cat.6A RJ45 Coupler



- 10 Gigabit Cat.6A RJ45, double female coupler
- Certified with 4x link for Cat.6A 10GbE
- 360° fully shielded metal housing
- **25891:** straight
- **25892:** 90°, outlet downwards

10GbE Cat.6A RJ45 Double Coupler, straight

25 891

10GbE Cat.6A RJ45 Double Coupler, downwards

25 892

Network Wall Outlets 2x RJ45 Cat.6A



- 2 RJ45 connectors STP Cat.6A
- 10GbE compatible
- Cable connections with LSA technique

2x RJ45 Cat.6A, 10GbE compatible, cable entry right/left	25885
2x RJ45 Cat.6A, 10GbE compatible, cable entry up/down	25886

Wall Box for 6 Snap-In Modules



Supplied without the shown snap-in modules

- For up to 6 snap-in modules 25 x 50mm
- 4 blind bezels included
- White plastic housing with labelling space
- Dimensions approx.: 17 x 20.5 x 5.5cm

60549

Cat.6 Surface Mount Box 6 Port



- 6 RJ45 Cat.6 Ports, Gigabit compatible
- Cable insertion from the opposite side
- Dimensions: ~ 16.5 x 9.5 x 3cm
- **25996:** RJ45 connectors as UTP keystone
- **25997:** RJ45 connectors as STP keystone

Cat.6 Surface Mount Box 6 Port UTP	25996
Cat.6 Surface Mount Box 6 Port STP	25997

Cable Ties, Bulk



- Material: Polyamide 6.6 (Nylon®)

Cable Ties, in 100 pcs.	transparent	black
2.5 x 100mm	40660	40665
3.6 x 250mm	40661	40666
4.8 x 160mm	40662	40667
4.8 x 250mm	40663	40668
7.2 x 350mm	40664	40669

INSTALLATION CABLE
ON PAGE 130

... latest news at LINDY.com

Modular Wall Boxes

- Installation according to German standards
- Fixed with screws or clamps
- Currently only available as single height face plate

- Installation according to British standards
- For use with 2 or 4 snap-in modules
- Screw fixing of the face plate, distance ~ 60 or 121mm

- Installation according to Italian, Australian, and American standards
- Screw fixing of the face plate, distance 83mm
- For use with 3 snap-in modules

81 x 81 mm – DE



For 1 Keystone 60543



For 2 Keystones 60544



For 1 Snap-In-Module 60545



Surface Mount Back Box, 45mm depth 60546

86 x 86 or 146 x 86mm – UK



For 2 Snap-In-Module (front plate) 60541



For 4 Snap-In-Module (front plate) 60542



Surface Mount Back Box 86x86, 47mm depth 60523



Surface Mount Back Box 146x86 47mm depth 60524

114 x 70mm – US/IT/AUS



For 3 Snap-In-Module (face plate) 60547



Surface Mount Back Box 115x72, 38mm depth 60548

Snap-In Modules for Modular Wall Box Series

Snap-in modules for easy insertion into the various modular wall boxes

Snap-in modules 25x50mm



3 Hole (BNC/F/...) Ø 9mm, 4 pcs. 60530



Blind Bezel, 2 pcs. 60540



1 Keystone, 4 pcs. 60551



2 Keystones, 4 pcs. 60552



1 RJ45 Keystone, 45°, dust cover, 4 pcs. 60561

Keystone Module

Universal fit, also into wall outlets and into the snap-in modules of the modular series

Keystone Module



Cat.6A 360° fully shielded 25890



Double Coupler Cat.6A, 180° straight 25891



Double Coupler Cat.6A, outlet 90° down 25892



UTP Keystone Double Coupler, White 60743



Cat.6 RJ45 UTP Keystone, Blue 60367

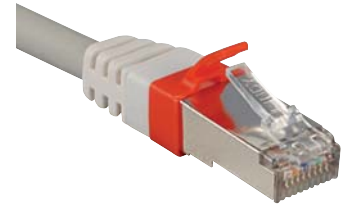


MORE AV, USB, FW, VGA
SNAP-IN MODULES
& KEYSTONES SEE
PAGE 68

... latest news
at LINDY.com

Premium 10 Giga Patch S/FTP, PIMF Cat.6A, 10Gbit – Halogen-Free, LSOH

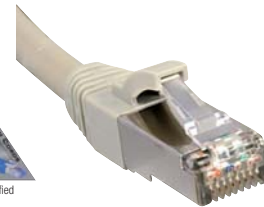
- Ultimate quality patch cable: pairs in metal foil, (S/FTP, 4 x 2 x AWG26)
- GHMT certified, can be used for Gigabit and 10 Gigabit installation
- Cat.6A, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- 100% tested, **each cable with individual test report**



Cat.6A	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m	40m	50m
S/FTP PIMF Halogen-Free	Gray		45350	45351	45352	45353	45354	45355	45356	45357	45358	45359	45360	-	-
	Blue		45372	45373	45374	45375	45376	45377	45378	45379	45380	45381	45382	-	-
	Red		45383	45384	45385	45386	45387	45388	45389	45390	45391	45392	45393	-	-
	Black		45361	45362	45363	45364	45365	45366	45367	45368	45369	45370	45371	45342	45343

Premium Giga Patch S/FTP, PIMF Cat.6 – Halogen-Free, LSOH

- Highest quality Cat.6 patch cable: pairs in metal foil, (S/FTP, 4 x 2 x AWG26)
- GHMT certified, for Gigabit installation, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- 100% tested, **each cable with individual test report**



Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m	
S/FTP PIMF Halogen-Free	Gray		45580	45581	45582	45583	45584	45585	45586	45587	45588	45589	45590	
			40m	50m	60m	70m	80m	90m	100m					
			45591	45592	45593	45594	45595	45596	45597					

Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Blue		45640	45641	45642	45643	45644	45645	45646	45647	45648	45649	45650
	Red		45620	45621	45622	45623	45624	45625	45626	45627	45628	45629	45630
	Black		45600	45601	45602	45603	45604	45605	45606	45607	45608	45609	45610

Giga Patch S/FTP, PIMF Cat.7 – Halogen-Free, LSOH

- Highest quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG26), 600MHz
- Certified, can be used for Gigabit and 10 Gigabit installation
- Cat.7, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- Halogen-Free, LSOH








Cat.7	Color		0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Gray		47260	47261	47262	47263	47264	47265	47266	47267	47268	47269	47270	47271
	Blue		47275	47276	47277	47278	47279	47280	47281	47282	47283	47284	47285	47286
	Red		47290	47291	47292	47293	47294	47295	47296	47297	47298	47299	47300	47301
	Black		47305	47306	47307	47308	47309	47310	47311	47312	47313	47314	47315	47316
	White		47320	47321	47322	47323	47324	47325	47326	47327	47328	47329	47330	47331

Giga Patch S/FTP, PIMF Cat.6A – Halogen-Free, LSOH

- High quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG27)
- Can be used for Gigabit and 10 Gigabit installation
- Cat.6A, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins
- Halogen-Free, LSOH




Cat.6A	Color	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Gray 	47130	47131	47132	47133	47134	47135	47136	47137	47138	47139	47140	47141
	Blue 	47145	47146	47147	47148	47149	47150	47151	47152	47153	47154	47155	47156
	Red 	47160	47161	47162	47163	47164	47165	47166	47167	47168	47169	47170	47171
	Black 	47175	47176	47177	47178	47179	47180	47181	47182	47183	47184	47185	47186
	White 	47190	47191	47192	47193	47194	47195	47196	47197	47198	47199	47200	47201

CROMO Giga Patch S/FTP, PIMF Cat.6

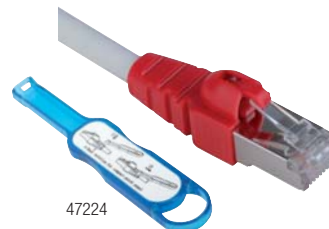
- High quality patch cable: pairs in metal foil (S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins, color: anthracite



Cat.6	Color	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF	Anthracite 	47210	47211	47212	47213	47214	47215	47216	47217	47218	47219	47220

Easy Patch S/FTP, PIMF Cat. 6 – Halogen-Free, LSOH

- Easy patch function
- High quality patch cable: pairs in metal foil (S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T Support
- Connector: RJ45 shielded, with latch protection, gold plated pins
- Hand tool for easier release of patch cables when panels are fully populated, use 47224. Only use with Easy Patch cables!













Cat.6	Color (cable/connector)	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m
S/FTP PIMF Halogen-Free	white/red	47225	47226	47227	47228	47229	47230	47231	47232	47233

Giga Patch S/FTP, PIMF Cat.6

- High quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins



Cat.6	Color	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF	Gray 	47700	47701	47702	47703	47704	47705	47706	47707	47708	47709	47710	47711
	Blue 	47715	47716	47717	47718	47719	47720	47721	47722	47723	47724	47725	47726
	Red 	47730	47731	47732	47733	47734	47735	47736	47737	47738	47739	47740	47741
	Green 	47745	47746	47747	47748	47749	47750	47751	47752	47753	47754	47755	47756
	Yellow 	47760	47761	47762	47763	47764	47765	47766	47767	47768	47769	47770	47771
	Black 	47775	47776	47777	47778	47779	47780	47781	47782	47783	47784	47785	47786
	White 	47790	47791	47792	47793	47794	47795	47796	47797	47798	47799	47800	47801
	Orange 	47805	47806	47807	47808	47809	47810	47811	47812	47813	47814	47815	47816
	Violet 	47820	47821	47822	47823	47824	47825	47826	47827	47828	47829	47830	47831
	Crossover	Gray/Red 	47835	47836	47837	–	47838	47839	47840	47841	47842	47843	47844



PATCH CABLE DIVERSITY

Take advantage of the wide range of LINDY patch cables in order to be prepared for every possible application: Unshielded Cat.5e cable for simple ISDN connections or Cat.6, Cat.6 and Cat.7 cables for professional network connections in an office environment to transfer data in the gigabytes or even the 10-Gigabit range.

Pay attention to the required shielding: For industrial environments with a high potential for radio interferences we recommend specially shielded SFTP / SFTP cables. Often these cables are halogen-free in order to increase the safety of employees in the event of fire. For use at home single-shielded FTP cables are usually adequate. Minimize your expenses and make optimal use of your budget with the right choice of cable! Contact us if you have questions regarding your installation. Our customer service representatives are happy to assist you with their know-how!

Basic Giga Patch S/FTP, PIMF Cat.6



- Patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG28)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m
S/FTP	Gray	47340	47341	47342	47343	47344	47345	47346	47347	47348
	Blue	47350	47351	47352	47353	47354	47355	47356	47357	47358
	Red	47360	47361	47362	47363	47364	47365	47366	47367	47368
	Black	47370	47371	47372	47373	47374	47375	47376	47377	47378
	White	47380	47381	47382	47383	47384	47385	47386	47387	47388

Giga Patch F/UTP, Cat.6 Solid



- Simple shielding
- Cat.6, Gigabit compatible
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color	10m	20m	30m	40m	50m	75m	100m
F/UTP	Gray	44470	44471	44472	44473	44474	44475	44476

Basic Giga Patch F/UTP, Cat.6



- Simple shielding
- Cat.6, Gigabit compatible
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m
F/UTP	Gray	47240	47241	47242	47243	47244	47245	47246	47247	47248

Classic Giga Patch F/UTP, Cat.5e



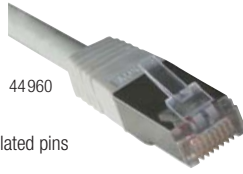
- Patch cable, shielded (4x2xAWG26, Classic)
- Gigabit compatible, Cat.5e, Class D
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.5e	Color	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
F/UTP Basic*	Gray	-	45160	45161	45162	45163	45164	-	45165	-	-	-
	Gray	45870	45871	45872	45873	45874	45875	45876	45877	45878	45879	45880
F/UTP Classic Foil shielded	Blue	-	45885	45886	45887	45888	45889	-	45890	-	-	-
	Red	-	45895	45896	45897	45898	45899	-	45900	-	-	-
	Green	-	45905	45906	45907	45908	45909	-	45910	-	-	-
	Yellow	-	45915	45916	45917	45918	45919	-	45920	-	-	-
	Black	-	45925	45926	45927	45928	45929	-	45930	-	-	-
	Crossover*	Gray/Red	-	44301	44302	44303	44304	44305	-	44307	44308	44309

* without latch protection

Network Cable – Bulk

- S/FTP, F/UTP or UTP patch cable
- Gigabit compatible, Cat.5e/6
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with/without latch protection, gold plated pins
- Only available in packs of 50!



Cat.5e	Color		50x 0.5 m	50x 1 m	50x 2 m	50x 3 m	50x 5 m	50x 10 m
F/UTP Basic*	Gray		–	44960	44961	44962	44963	–
U/UTP Basic*	Gray		–	44970	44971	44972	44973	–
F/UTP Classic	Gray		45940	45941	45942	45943	45944	–
U/UTP Classic	Gray		45990	45991	45992	45993	45994	45995

* without latch protection

Cat.6	Color		50x 0.5 m	50x 1 m	50x 2 m	50x 3 m	50x 5 m
S/FTP Classic	Gray/Red		47850	47851	47852	47853	47854
U/UTP Classic	Gray		48150	48151	48152	48153	48154



Premium Giga Patch U/UTP, Cat.6, Halogen-Free, LSOH

- High quality patch cable (4x2xAWG24), GHMT certified
- Gigabit compatible, Cat.6, 10/100/1000Base-T
- Connector: RJ45 unshielded, latch protection, gold plated pins
- 100% tested, each cable includes individual test report



Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP unshielded	Gray		45400	45401	45402	45403	45404	45405	45406	45407	45408	45409	45410
	Blue		45470	45471	45472	45473	45474	45475	45476	45477	45478	45479	45480
	Red		45450	45451	45452	45453	45454	45455	45456	45457	45458	45459	45460
	Black		45430	45431	45432	45433	45434	45435	45436	45437	45438	45439	45440

Giga Patch U/UTP, Cat.6

- High quality patch cable (4x2xAWG24)
- Gigabit compatible, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 unshielded, latch protection, gold plated pins, also for ISDN



U/UTP Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP unshielded	Gray		48000	45771	45772	45773	45774	45775	45776	45777	45778	45779	45780
	Blue		48015	45786	48017	45788	48019	45790	45791	45792	45793	45794	45795
	Red		45800	45801	45802	45803	45804	45805	45806	45807	45808	45809	45810
	Green		45815	45816	45817	45818	45819	45820	45821	45822	45823	45824	45825
	Yellow		45830	45831	45832	45833	45834	45835	45836	45837	45838	45839	45840
	Black		48075	45846	48077	48078	45849	45850	45851	45852	45853	45854	48085
	White		48090	45551	45552	45553	45554	45555	45556	45557	48098	45559	45560
	Orange		48105	48106	45171	45172	45173	45174	45175	45176	45177	45178	45179
	Violet		45180	45181	45182	48123	45184	45185	45186	45187	45188	45189	45190
Crossover	Gray/Red		44940	44941	44942	44943	44944	44945	44946	44947	44948	44949	44950

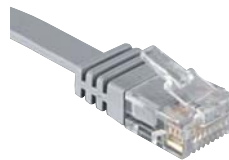
Basic Giga Patch U/UTP, Cat.6



- Patch cable (4x2xAWG26)
- Gigabit compatible, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 unshielded, latch protection, gold plated pins, also for ISDN

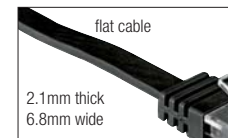
Cat.6	Color	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m
U/UTP	Gray	48160	48161	48162	48163	48164	48165	48166	48167
	Blue	48170	48171	48172	48173	48174	48175	48176	48177
	Red	48180	48181	48182	48183	48184	48185	48186	48187
	Black	48190	48191	48192	48193	48194	48195	48196	48197
	White	48200	48201	48202	48203	48204	48205	48206	48207

Flat Patch Cable, Cat.6



- Patch cable (4x2xAWG30) , Cat.6, Gigabit 10/100Base-T compatible
- Connector: RJ45 unshielded, also for ISDN

Cat.6	Color	0.3m	1m	2m	3m	5m	10m
Unshielded	Gray	47490	47491	47492	47493	47494	47495
	Red	47510	47511	47512	47513	47514	47515
	Black	47520	47521	47522	47523	47524	47525
	White	47500	47501	47502	47503	47504	47505



Giga Patch U/UTP, Cat.6 Solid



- Unshielded
- Cat.6, Gigabit compatible
- 10/100/1000Base-T-support
- Connector: RJ45 unshielded, latch protection, gold plated pins

Cat.6	Color	10m	20m	30m	40m	50m	75m	100m
U/UTP	Gray	44460	44461	44462	44463	44464	44465	44466

Classic Giga Patch U/UTP, Cat.5e



- 10/100/1000Base-T patch cable, unshielded (4x2xAWG26, Classic)
- Gigabit compatible, Cat.5e, Class D
- Connector: RJ45 unshielded, latch protection, gold plated pins






Cat.5e	Color	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP Basic*	Gray	–	45140	45141	45142	45143	45144	–	45145	–	–	–
U/UTP Classic, Cross Over*	Gray/Red	44740	44741	44742	44743	44744	44745	44746	44747	44748	44749	44750

Cat.5e	Color	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP Classic	Gray	45960	45961	45962	45963	45964	45965	45966	45967	45968	45969	45970
		40m	50m	60m	70m	80m	90m	100m				
		45971	45972	45973	45974	45975	45976	45977				


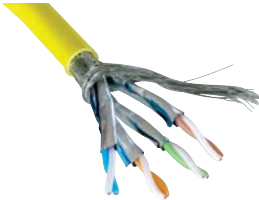
* without latch protection

Ethernet Installation Cable 305m in Easy Pull Box



- Solid core installation cable, Gigabit, 10/100/1000Base-T
- Practical carry box for easy cable pull out
- Indicator marks on the cable showing remaining cable length

				
10 YEAR GUARANTEE	Cat.5e, F/UTP 4x2xAWG24, 100MHz	Cat.6, S/FTP, LSOH Halogen-free, 4x2xAWG24, 250 MHz	Cat.5e, UTP, 4x2xAWG24, 100 MHz	Cat.6, UTP, 4x2xAWG24, 250 MHz
305 m	12960	12963	12959	12961

Ethernet Installation Cable - Reels



	
10 YEAR GUARANTEE	Installation Cable Cat.7, S/FTP, PIMF, 4x2xAWG23, LSOH, Halogen-free, 900MHz
100 m	12047

Patch Cable – Reels

	
10 YEAR GUARANTEE	Patch Cable Cat.6, S/FTP, 4x2xAWG26, 250 MHz
100 m	12055








RJ45 Connectors

- Package contains 10 pcs

			
10 YEAR GUARANTEE	Cat.5e, UTP	Cat.6, UTP, insertion aid	Cat.5e, STP,
	62404	62430	62414
			Cat.6, STP, 360° shielded, insertion aid
			62435

RJ45 Strain Relief Boots - Pack of 10

- RJ45 strain relief boot for RJ45 connectors
- Post-assembly boots clip on cables with already crimped on RJ45 connectors
- Fits with 62404, 62430 + 62414, 62435

						
Black	Gray	Red	Green	Yellow	Blue	White
60385	60386	60387	60388	60389	60390	60391

- Pre-assembly strain relief boot
- Soft plastic with latch protection
- RJ45 Strain Relief Boot, gray, pack of 10



62046

Ethernet Cable Coupler

- Cat. 5e, STP/UTP
- Metallic housing,
- IDC termination block



60173



CABLE TESTERS AND TOOLS
PAGE 150

... latest news at LINDY.com

RJ45 Crimp Tool Professional



- Universal crimp tool with gear ratchet For RJ10/RJ11/12/RJ45 and DEC connectors Integrated cable cutter/stripper
- **43206:** with integrated cable tester

RJ45 Crimp Tool Professional	43216
RJ45 Crimp Tool Professional with Cable Tester Tool	43206

LAN Cable Tester Lite

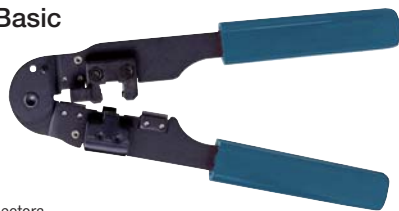
For 10Base-2, RJ45, Token-Ring and USB A/B as A/A cables. Two units, for coiled as well as for installed cables.
9V battery required - not included.



- Includes:
- 1 cable tester (master box)
 - 1 terminator (remote box)
 - 2 BNC adapter cable, 10cm
 - 1 BNC adapter, M/M
 - 1 RJ45 modular cable, 10cm
 - 1 carry case

	43009
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RJ45 Crimp Tool Basic



Basic crimp tool for RJ45 connectors
Integrated cable cutter/stripper

43208

LAN Tester LITE

- Reads pin configurations of RJ45, RJ10, RJ12/RJ11 modular cables



43059

Side Cutter for Patch Cable

- For cutting copper cables and to cut patch cable open ends
- Up to 1.2mm diameter of copper wire
 - Do NOT use for steel!
 - Thickness of the blades ~ 3mm, length ~ 8mm



43207

Universal & LAN Tool Kit, 54 pcs

LAN tester & crimp pliers, pliers, side cutters, and screwdrivers and many other accessories!
For more details please visit www.LINDY.com



43057

LSA-PLUS® Tool, Krone Original



For use with LSA, LSA-Plus and IDC termination blocks in patch panels, keystones and modular wall mount boxes.

43045

Anti-Static Service Kit

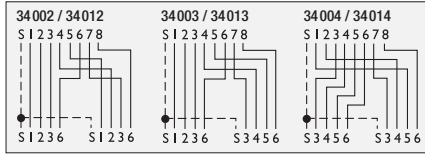
Package contents:

- Static dissipative mat with two storage pockets
- Mat size: 600 x 600mm
- 2.5m ground cord with crocodile clip
- 1.5m coiled wrist strap cord
- Adjustable wrist strap



43080

Network Line Doubler 10/100



- Run two connections over one single cable
- Ideally used for installations close to max. capacity.
- Enables two connections to be run over a single cable, either 2x Ethernet, 2x telephone or mixed.
- The Line/Port Doublers are installed on to the RJ45 wall boxes or patch panels.

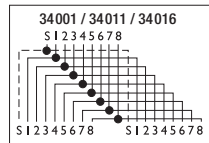


	STP	UTP
2x Ethernet Cat.5e	34012	34002
1x Ethernet + 1x Telephone/Token Ring via a single 8 core cable	34013	34003
2x Telephone or Token Ring via a single 8 core cable	34014	34004

Y-Adapter RJ45



34016

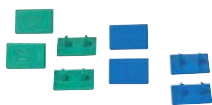


34001 & 34011

1:2 (all pins 1:1 connected, shielded)	STP 34011	34011
1:2 (all pins 1:1 connected, unshielded)	UTP 34001	34001
1:4 (all pins 1:1 connected, unshielded)	UTP 34016	34016

RJ45 Telephone Line Splitter 1:4

- Only for analog telephones
- To be used in pairs, please always order 2 units for immediate use



34015

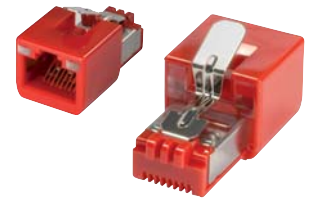
RJ45 Couplers



RJ45 Coupler, shielded, metal housing, Cat. 5e 60187	60187
RJ45 Coupler, shielded, metal housing, STP, Cat.6A 25891	25891
RJ45 Coupler, UTP, Cat.3 / ISDN 60184	60184
RJ45 Coupler, UTP, Cat.6 34009	34009

Gigabit Ethernet Surge Protector RJ45

- Protects your LAN devices from harmful power surges
- Overvoltage protection up to 3500V
- Compact, STP/UTP Cat.6 compliant, light guides for port LEDs



60198

Cross-Over Adapter

- Converts a normal cable to a cross-over patch cable
- Gigabit Cat.5e compliant, all pairs crossed



60194

RJ11/RJ45 Adapter

- Use to connect RJ45 cables to RJ11/12 ports
- RJ11/12 male to RJ45 socket, 4 pins connected



70385

Ethernet Cable Coupler

- Metallic housing,
- DC termination block



60173

Telephone Cable Tangle Eliminator



- For use with telephones that have modular handsets.
- Transparent, RJ10

75 004

Retractable Cat.5 Cable



- Connectors: 2x RJ45
- 2x RJ11 adapter

44 995

RJ11/RJ12/RJ45 Connector, Pack of 10



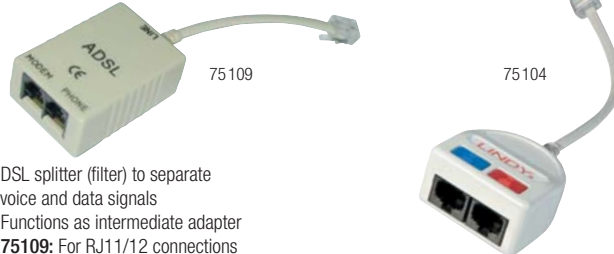
62201 6/4 Pol

62202 6/6 Pol

62404 8/8 Pol

RJ11 6/4 pin 10 pcs	62201	62201
RJ12 6/6 pin 10 pcs	62202	62202
RJ45 8/8 pin ISDN / Cat. 5e	10 pcs 62404	62404

DSL-Splitter/Filter universal, RJ11/RJ12/RJ45



75 109

75 104

- DSL splitter (filter) to separate voice and data signals
- Functions as intermediate adapter
- **75109:** For RJ11/12 connections
- **75104:** For RJ45 connections

DSL-Splitter/Filter universal RJ11/RJ12	75 109
DSL-Splitter/Filter universal RJ45 (RJ11/12)	75 104

Assembled RJ10 / RJ11/12 Cables



RJ10

RJ11/12

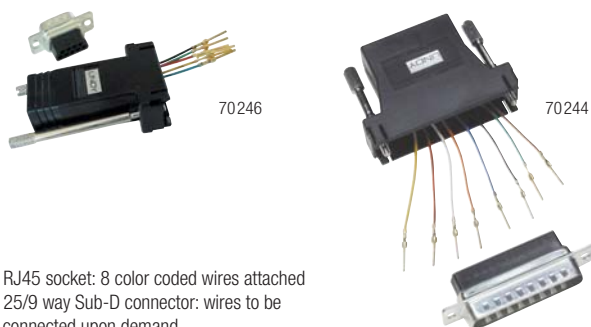
- Unshielded cable with RJ10 plug, e.g. for telephone handsets
- RJ11/12 western plug for modem/telephone connection etc

	2m	3m	5m	10m	15m	20m	50m
RJ10 4/4 pin plug	34202	34203	34205	34210	-	-	-
RJ11/12 6/6 pin plug	34223	34224	34225	34226	34227	34228	34229

RJ11/12

RJ11/12 can be used on RJ45 sockets!
 RJ11 and RJ12 use the same connectors.
 RJ11 only has the four middle pins

Modular Adapter RJ45 / D9/25



70246

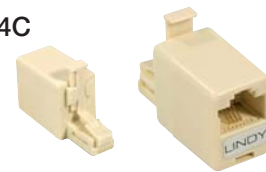
70244

- RJ45 socket: 8 color coded wires attached
- 25/9 way Sub-D connector: wires to be connected upon demand

9 Way Connector Male to RJ45 Socket	70246	70246
9 Way Connector Female to RJ45 Socket	70247	70247
25 Way Connector Male to RJ45 Socket	70244	70244

RJ11/12 an RJ45-Adapter 4P4C

- Connect a RJ45 cable to a RJ11/12 port
- Plastic version, not shielded
- 6P4C (6 pin, 4 connected)



70385

RJ10/11/12 Double / Triple Female Coupler



70171 RJ11/12

70172 RJ11/12

70173 RJ11/12

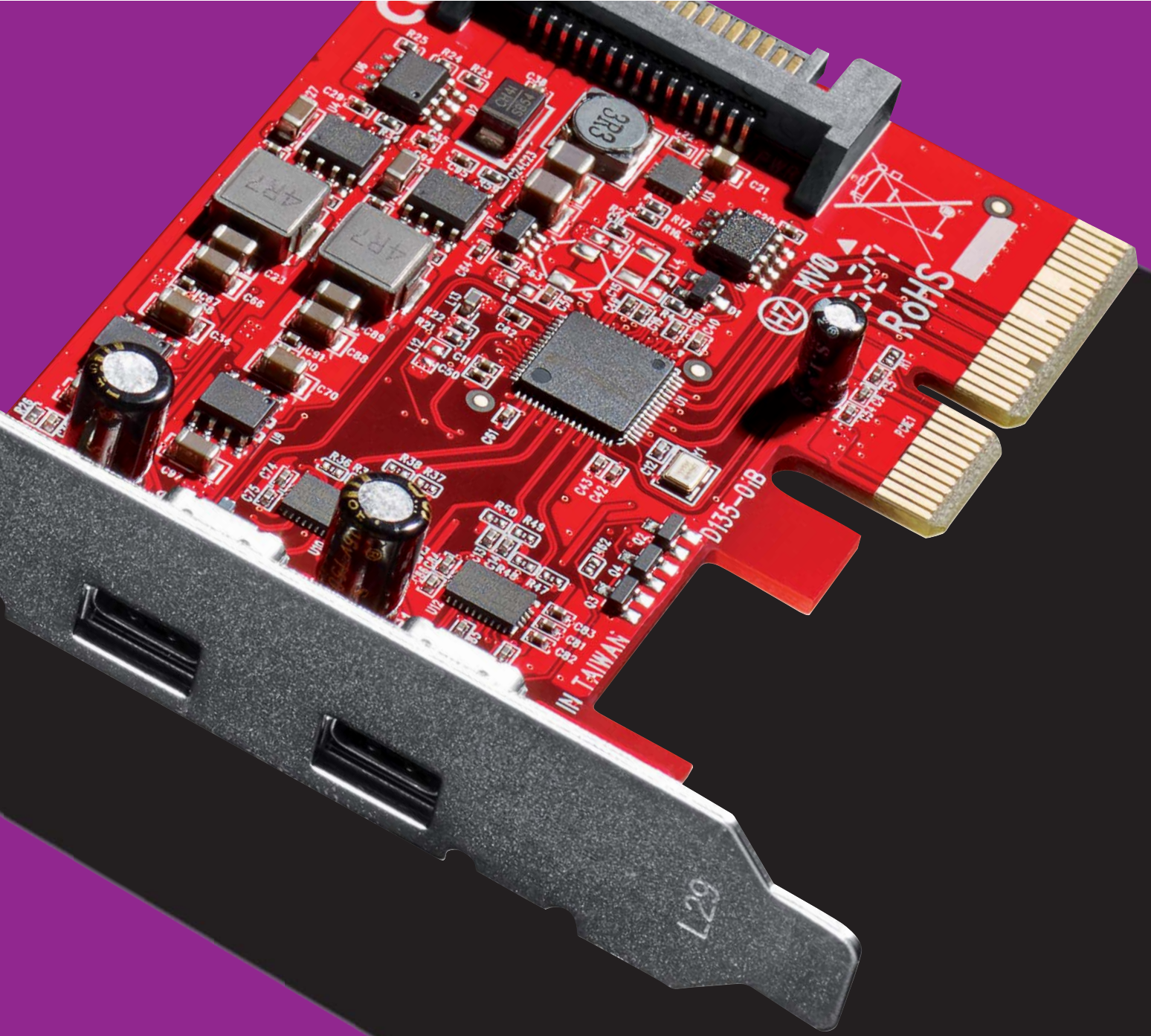
70251 RJ10

RJ11/RJ12 Line Coupler, Female/Female	70 171
RJ11/RJ12 Triple connector, Female	70 172
RJ11/RJ12 Plug with Line Coupler, Female/Female	70 173
RJ10 Line Coupler, Female/Female	70 251



SYSTEM COMPONENTS UPGRADE

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ExpressCards



Interface	USB 3.0 - fully recessed	FireWire 400	FireWire 800 / 400
Ports	1x USB A	2x FW 6 pin	2x FW 9 pin / 1x FW 6 pin
Optional PSU	2.5/0.7mm 5VDC	3.5/1.35mm 12VDC	3.5/1.35mm 12VDC
Operating system	Windows	Windows/Mac	Windows/Mac
	51504	51500	51499



Interface	RS232	Parallel	Gigabit
Ports	1x D9 M	1x D25 F	1x RJ45
Features	1x 16550 FIFO	SPP / EPP/ ECP	-
Operating system	Windows	Windows/Linux	Windows/Mac
	51530	51535	51512

ExpressCard Adapter



Interface	CardBus Adapter
Ports	1x CardBus
Features	PCIe to PCI Bridge Chip
Operating system	Windows/Mac
	51355

Card Reader



Interface	Compact Flash Adapter
Ports	1x CF
Features	-
Operating system	all (adapter only)
	70952

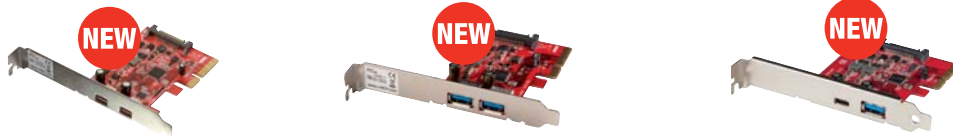
CardBus Cards



Interface	RS232	Gigabit
Ports	2x D9 M adapter cable	1x RJ45
Optional PSU/features	16C950 compatible 128kbit/s	2 LED, auto MDI-X
Operating system	Windows	Windows/Mac
	51334	51338

USB 3.1 Premium Cards

Fuse-protected ports



Interface	USB 3.1 2x Type-C	USB 3.1 2x Type A	USB 3.1 1x Type-C / A
Ports external/internal/chipset	2/0 ASM 1142	2/0 ASM 1142	2/0 ASM 1142
Bus type	PCIe-x4	PCIe-x4	PCIe-x4
Slot bracket	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows/Mac OS	Windows/Mac OS	Windows/Mac OS
	51054	51053	51052

USB 3.1 & USB 3.0 LAN Cards

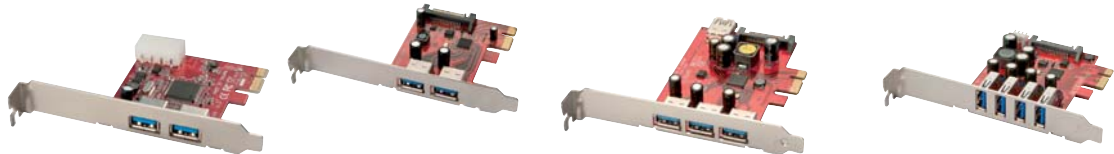
Fuse-protected ports



Interface	USB 3.1 1x Type-C / A	USB 3.1 2x Type A	USB 3.0 + Gigabit
Ports external/internal/chipset	2/0 ASM 1142A	2/0 ASM 1142A	4/0, Renesas/RTL
Bus type	PCIe-x4	PCIe-x4	PCIe-x1
Slot bracket	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows	Windows	Windows
	51056	51057	51049

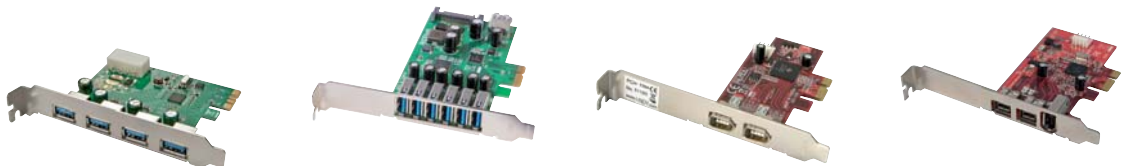
USB 3.0 Cards

Fuse-protected ports



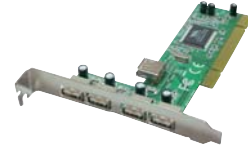
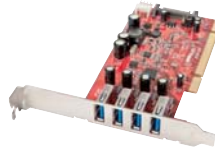
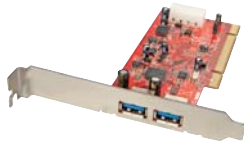
Interface	USB 3.0 Lite	USB 3.0 Premium	USB 3.0 Premium	USB 3.0
Ports external/internal/chipset	2/0, Etron EJ 168	2/0, Renesas (NEC)	3/1, Texas Instruments	4/0, Renesas (NEC)
Bus type	PCIe-x1	PCIe-x1	PCIe-x1	PCIe-x1
Slot bracket	standard & low profile	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows/Mac	Windows	Windows	Windows
	51118	51119	51121	51051

USB 3.0 & FireWire Cards



Interface	USB 3.0	USB 3.0	FireWire 400	FireWire 800
Ports external/internal/chipset	4/0, Renesas (NEC)	6/1, Renesas (NEC)	2x FW 6 Pin Texas Instruments	1x FW 6 pin, 2x FW 9 pin LSI-FW643
Features	fuse-protected ports	fuse-protected ports	-	-
Bus type, slot bracket	PCIe-x1, standard	PCIe-x1, standard	PCIe-x1, standard & low profile	PCIe-x1, standard
Operating system	Windows/Linux	Windows/Linux	Windows/Mac	Windows/Mac/Linux
	51066	51067	51180	51182

PCI USB & FireWire Cards



Interface	USB 3.0	USB 3.0	USB 2.0
Ports external/internal/chipset	2/0, Renesas (NEC)	4/0, Renesas (NEC)	4/1, VIA
Features	fuse-protected ports	fuse-protected ports	internal type A, fuse-protected ports
Slot bracket	standard & low profile	standard & low profile	standard
Operating system	Windows/Linux	Windows/Linux	Windows
	51 083	51 048	51 063



Interface	USB 2.0	FireWire 400
Ports external/internal/chipset	2/2 (pin header), VIA	2/1 FW 6 pin, VIA
Features	fuse-protected ports	-
Slot bracket	standard & low profile	standard
Operating system	Windows/Linux	Windows/Mac
	51 058	51 098

PCI-X Multilane Controller



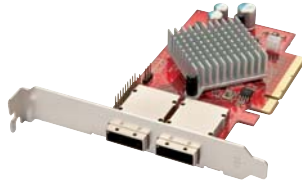
Product	SATA 3Gbit/s Multilane Controller, SFF-8470, 64Bit
Ports internal/external	1 (SFF-8470)/ 0 – 3Gbit/s
RAID mode	0, 1, 0+1, 5
Slot bracket	standard
Operating system	Windows/Mac
	51127

SATA Adapter



Product	mSATA to SATA 2.5" Adapter
Ports internal/external	1x mSATA
Installation	screw type
Slot bracket	SATA 22 pin 2.5" Form Factor
Operating system	all operating systems
	20972

PCIe-x8 SAS 6 Gbit/s Controller



Product	PCIe-x8 6Gbit/s SAS
Ports internal/external	2 (SFF8088) /0 – 6Gbit/s
RAID mode	–
Slot bracket	Standard
Operating system	Windows
	51138

PCIe SATA 6 Gbit/s Controller



Product	SATA 6Gbit/s PCIe	SATA 6Gbit/s PCIe	SATA 6Gbit/s	mPCIe to USB2.0
Ports internal/external	2/0 – 6Gbit/s	0/2 – 6Gbit/s	0/4 – 6Gbit/s	1/0
Slot bracket	standard & low profile	standard & low profile	standard & low profile	–
Operating system	Windows/Linux/Mac	Windows/Linux/Mac	Windows/Linux/Mac	all operating systems
	51 400	51 403	51163	51 181

EXTERNAL SATA CONNECTORS: eSATA, eSATAp

External eSATA connectors are defined in the Serial ATA 3Gb/s specification of 2004. When Power over eSATA (eSATAp) was introduced in 2008, it combined eSATA and USB 2.0 in to one connector. eSATAp connectors are mostly found in notebooks and can be used as an eSATA, eSATAp or USB port, or with an adapter cable (see Cable chapter) divided into two individual connectors. eSATAp products (some 2.5" HDD enclosures) receive eSATA performance and 5V power through the eSATAp port. Aside from being Hot Plug capable, eSATA(p) connectors are electronically more robust and secure than internal SATA connectors. eSATA(p) supports cable lengths of up to 2m, internal SATA ports only up to 1m. Fully compatible eSATAp 5V & 12V connectors with additional 12V power supply have been available since 2010.

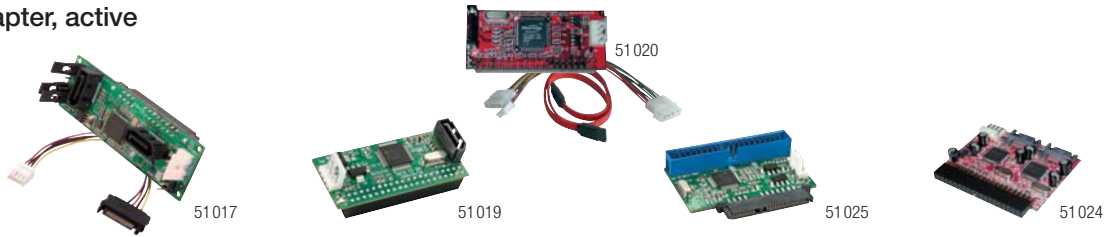


External eSATAp & USB Connector



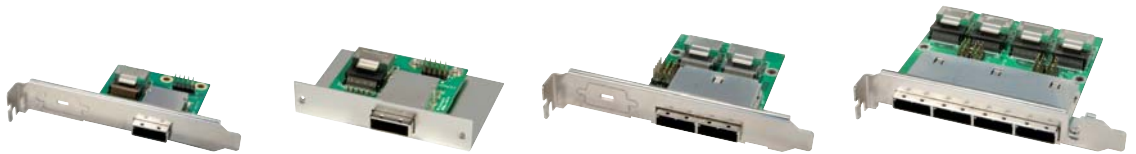
External eSATA Connector

SATA Drive Adapter, active



Product	SATA RAID Adapter 6 Gbit/s	ATA/133 Drive to SATA Port	SATA Drive to IDE/ATA Bus	SATA Adapter for IDE Mainboard
Ports SATA/IDE	2/0	1/1	1/1	2/1 (master & slave)
Connectors	2x SATA 7p / SATA 22p	IDE 40p / SATA 7p / power	IDE 40p / SATA 22p / power	IDE 40p / 2x SATA 7p / power
Installation	SATA Host	IDE drive	SATA drive	Mainboard, IDE connector
Chipset	JMicron	JMicron	Silicon Image	JMicron
	51017	51019	51020	51024

Mini SAS Slot Bracket Adapter



Product	Mini SAS Adapter	Mini SAS Adapter	Mini SAS Adapter	Mini SAS Adapter
Ports internal/external	1/1	1/1	2/2	4/4
Connectors	SFF-8088/SFF-8087	SFF-8088/SFF-8087	SFF-8088/SFF-8087	SFF-8088/SFF-8087
Slot bracket	standard & low profile	-	standard & low profile	standard
Installation	server	external enclosure	server	server
	21940	21943	21941	21942

SATA 3Gb/s Port Multiplier



Product	USB 3.0 & eSATA to 5x SATA RAID Adapter
Ports internal/external	USB 3.0/eSATA - 5x SATA
Slot bracket	-
	51158



MORE SATA & SAS CONTROLLERS AND SUITABLE CABLES AT LINDY.COM

PCI / PCIe Network Cards



Interface	10/100/1000Base-T	10/100/1000Base-T	Gigabit/LAN USB 3.0
Ports	1x RJ45	1x RJ45	
Features	Full or Half Duplex	Full or Half Duplex	
Interface, slot bracket	PCIe-x1, standard & low profile	PCI, standard	
Operating system	Windows	Windows/Linux	
	51192	51221	51049

USB LAN Adapter



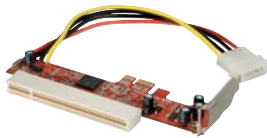
Interface	10/100/1000Base-T	10/100Base-T	10/100Base-T
Ports	1x RJ45	1x RJ45	1x RJ45
Features	Full or Half Duplex	Full or Half Duplex	Full or Half Duplex
Connectors	USB 3.0 A	USB 2.0 A	USB 2.0 Micro B
Operating system	Windows/Mac	Windows/Linux/Mac	Windows/Linux/Mac
	43120	42922	42948

USB WLAN 11n



Interface	WLAN 11n (150)/g/b
Ports	IEEE 802.11n
Features	WEP, WPA, WPA2, WPS
Connectors	USB 2.0 A
Operating system	Windows
	52059

Adapter Cards PCI PCIe



Interface	PCIe Adapter
Ports	For PCI low profile cards
Features	PCIe-PCI bridge chip
Interface, slot bracket	PCIe-x1
Operating system	Windows
	51015

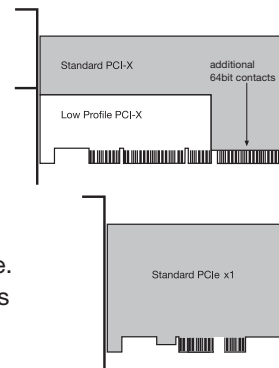
USB Bluetooth Dongle



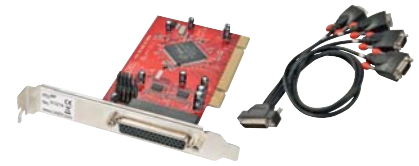
Interface	Bluetooth & WLAN	Bluetooth Micro Adapter
Ports	BT 3.0 HS & 11 N	BT V 4.0
Features	Bluetooth 3.0 High Speed mode	Low Energy
Connectors	USB 2.0 A	USB 2.0 A
Operating system	Windows	Windows
	52213	52214

WHAT IS PCI, PCI-X AND PCIE?

PCI-X is the 64bit computer bus and expansion card standard that enhances the 32bit PCI Local Bus for higher bandwidth demanded by servers. PCI-X revised the conventional PCI standard by doubling the maximum clock speed (from 66 MHz to 133 MHz) and hence the amount of data exchanged between the computer processor and peripherals. Backward compatibility allows 32bit cards to work in 64bit slots and 64bit cards in 32bit short slots. PCIe, PCI-Express is the new serial based PCI interface. It is not compatible with the old PCI port; the terminal block is much shorter! PCIe ports have 1-16 serial channels (lanes), commonly referred to as PCIe-x1 to PCIe-x16.



PCI Serial Cards (low profile see next page)

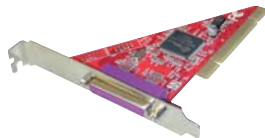


Interface	1x Serial, RS232	2x Serial, RS232	4x Serial, RS232
Ports	1x D9 M	2x D9 M	4x D9 M (octopus cable)
Features	16C950 128Byte FIFO	16C950 128Byte FIFO	16C950 128Byte FIFO
Interface, slot bracket	PCI, standard	PCI, standard	PCI, standard
Operating system	Windows/Linux	Windows/Linux	Windows
	51 235	51 236	51 274

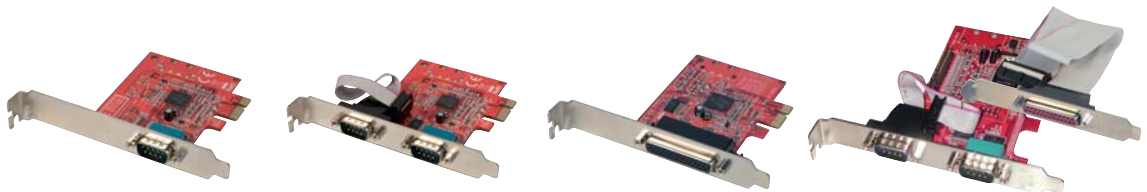


Interface	8x Serial, RS232	2x Serial, RS422/485	2S1P Serial RS232 / Parallel
Ports	8x D9 M (octopus cable)	2x D9 M (adapter cable)	2x D9 M / 1x D25 F (2 brackets)
Features	16C950 128Byte FIFO	16C1050 16Byte FIFO	16C950 32Byte FIFO / EPP/ECP
Interface, slot bracket	PCI, standard	PCI, standard & low profile	PCI, standard (2)
Operating system	Windows/Linux	Windows/Linux	Windows/Linux
	51 275	51 215	51 237

PCI / PCIe Serial/Parallel Cards (low profile see next page)



Interface	1x Parallel	2x Parallel	1x Parallel
Ports	1x D25 F	2x D25 F (2 brackets)	1x D25 F
Features	IEEE 1284 EPP/ECP	IEEE 1284 EPP/ECP	IEEE 1284 EPP/ECP
Interface, slot bracket	PCI, standard	PCI, standard (2)	PCIe, standard
Operating system	Windows/Linux	Windows/Linux	Windows/Linux
	51 238	51 296	51 185



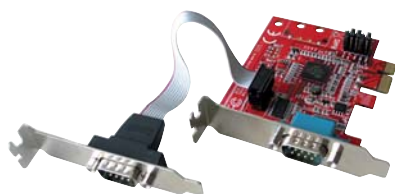
Interface	1x Serial, RS232	2x Serial, RS232	4x Serial, RS232	2S1P Serial / Parallel
Ports	1x D9 M	2x D9 M	4x D9 M (octopus cable)	2x D9 M / 1x D25 F (2 brackets)
Features	16C950 128Byte FIFO	16C950 128Byte FIFO	16C950 128Byte FIFO	16C550 32Byte FIFO / EPP/ECP
Interface, slot bracket	PCIe, standard	PCIe, standard	PCIe, standard	PCIe, standard (2)
Operating system	Windows/Linux	Windows/Linux	Windows/Linux	Windows/Linux
	51 186	51 187	51 189	51 188



Interface	USB 3.0 Premium	USB 2.0
Ports external/internal	2/0	2/0
Features	fuse-protected ports	480Mbit/s High Speed
Bus type, slot bracket	PCle-x1, standard & low profile	PCI, standard & low profile
Operating system	Windows	Windows
	51 119	51 058



Interface	2x Serial, RS232	2S1P Serial / Parallel	1x Parallel
Ports external/internal	2x D9 M (octopus cable)	2x D9 M / 1xD25 F (octopus cable)	1x D25 F
Features	16C950 128Byte FIFO	16C950 128Byte FIFO / EPP/ECP	IEEE 1284 EPP/ECP
Bus type, slot bracket	PCI, low profile	PCI, low profile	PCI, low profile
Operating system	Windows	Windows	Windows/Linux
	51 326	51 327	51 325



Interface	2x Serial, RS232	1x Parallel
Ports external/internal	2 x D9 M (2 brackets)	1x D25 F
Features	16C950 128Byte FIFO	IEEE 1284 SPP/EPP/ECP
Bus type, slot bracket	PCle-x1, 2x low profile	PCle-x1, low profile
Operating system	Windows/Linux	Windows/Linux
	51 245	51 246



MORE SERIAL AND PARALLEL CONVERTERS ON PAGE 180-181

... latest products at LINDY.com



MOUNTING FRAMES & MSATA ADAPTERS



Universal mounting kit for 3.5" HDD

- 3.5" HDD to 5.25" mounting kit
- Includes fixing screws

40545

Universal mounting kit for 2.5" HDD

- 2.5" HDD to 3.5" mounting kit
- Includes fixing screws

40588

Mounting frame for 2x 2.5" HDD

- For 9.5mm high IDE or SATA drives (lower bay up to 11mm)
- Plastic frame includes mounting screws for hard drives and 3.5" bay

40559

3.5" to 2.5" IDE drive adapter

- Allows connection of 2.5" hard drives to a standard IDE cable
- Includes power supply

70199



5.25" bay adapter for slim ODD & HDD/SSD

- 5.25" bay adapter for slim ODD and 2.5" or 3.5" HDDs/SSDs
- Mounts into a 5.25" bay
- 1x bay for slim ODDs (upper bay)
- 1x bay (with plastic faceplate) for slim ODD or 2.5" /3.5" HDD

40513

3.5" hard drive mounting frame

- For installing 3.5" hard drives into a 5.25" bay
- Metal frame, plastic faceplate with LED
- Includes fixing screws

40526

3.5" Universal FDD to 5.25" bay

- For installing a 3.5" floppy drive into a 5.25" expansion bay
- Sturdy plastic construction
- Includes fixing screws

40515

mSATA to 2.5" IDE SSD Drive, 7mm

- Converts mSATA to 2.5 Inch IDE form factor
- Includes 7mm high 2.5 Inch drive metal frame
- Latch type mSATA connection

20937



2.5" SATA adapter for mSATA SSD (Latching connectors)

- For installation of an mSATA SSD in a 2.5" SATA slot
- 22 pin SATA male connector
- Fits standard 2.5" drive slots & enclosures
- 7mm or 9.5mm frames available

20959

mSATA SSD to 2.5" SATA Drive Enclosure

- Converts mSATA SSD to a 2.5" drive form factor
- Internal 52 pin mSATA femal connector, external 22 pin SATA male connector
- Supplied with mounting screws & screwdriver

20933

Micro SATA to 2.5" SATA Drive Aluminium Enclosure

- Converts Micro SATA drives to 2.5" SATA form factor
- For 1.8" HDD/SSDs
- 5V to 3.3V voltage regulator
- 7 Pin Data + 15 Pin Power (SATA port) to 7 Pin Data + 9 Pin Power (Device) connector

20932

M.2 SSD to 2.5" SATA Adapter

- Converts M.2 (NGFF) SSD to SATA 22 pin form factor
- 7mm - suitable for Ultrabooks
- Supports 2280, 2260, 2242, 2230 M.2 form factors
- Fits standard 2.5" drive slots & enclosures

20934

mSATA & M.2 SSD to 2.5" SATA Drive Enclosure

- Height: 9.5mm
- Converts M.2 (NGFF) SSD to SATA 22 pin form factor
- Supports 2280, 2260, 2242, 2230 M.2 form factors
- Fits standard 2.5" drive slots & enclosures

20939

7 mm
9.5 mm

20972

2.5" SATA Module for 3.5" Bay, 15mm



This simple adapter allows you to populate a 3.5" SATA bay or enclosure with a 2.5" SATA HDD or SSD. The 2.5" HDD/SSD is easily inserted into the adapter (no fixing required) which can then be installed as a standard 3.5" SATA HDD. (Only bottom fixing holes!)
 ■ For 2.5" SATA & SAS HDDs & SSDs up to 15mm in height

20979

2.5" SATA Module for 3.5" Bay, 9.5mm



This simple adapter allows you to populate a 3.5" SATA bay or enclosure with a 2.5" SATA HDD/SSD. The 2.5" HDD/SSD is easily inserted into the adapter which can then be installed as a standard 3.5" SATA HDD.
 ■ For 2.5" SATA HDDs & SSDs up to 9.5mm height

20969

5.25" Backplane for Slim ODD & 2.5" HDD & USB



- For slim optical disc drives
- Drive bay for 2.5" SATA HDD/SSD
- 2 USB front connectors

20966

SATA SSD/HDD Adapter for CD/DVD/BD Slim drives



Install a second internal drive or SSD into your notebook with 3 versions available for different heights:

- 20935:
- For Ultra Slim ODD drives (9.5mm)
 - For 2.5" SATA SSD or HDD (max. 7mm in height)
- 20936:
- For Slim ODD drives (12.7mm)
 - For 2.5" SATA SSD or HDD (max. 9.5mm in height)
- 20929:
- For Slim ODD drives (12.7mm)
 - For mSATA or M.2 SSD (max. 9.5mm in height)

SATA Adapter for 9.5mm Ultra-Slim drives	20935
SATA Adapter for 12.7mm Slim drives	20936
mSATA/M.2 Adapter for 12.7mm Slim drives	20929

FOR MORE 5.25" AND 3.5" MODULES, SEE PAGES 166

... view the latest products at LINDY.com

3.5" Bay for 2.5" HDD/SSD, USB & eSATAp



- Fits to any standard 3.5" drive bay
- Suitable for 2.5" hard drives and SSDs up to 9.5mm in height
- 4 additional front connectors:
3x USB 2.0, 1x USB/eSATAp 5V & 12V Port
- Includes data and power cable

20967

Internal USB 3.0 Multi-Card Reader, 1 port



- 5 card slots: SD/MMC, microSD/M2, xD, MS/Pro/Duo, CF
- USB 3.0 port on front panel
- If using with in a 5.25" drive bay, please use the mounting frame, 40515

43145



2x 2.5" SATA Backplane 3.5" System ECO

- Fits two 2.5" SATA drives in a standard 3.5" drive bay
- Supports hot-swap including RAID functionality
- Metal frame for optimal heat dissipation
- LED indicators for power and drive access
- Rear connectors:
1x SATA power and data connectors
1x SATA data cable and mounting screws included
- Depth: 16cm (with connectors)

21967

4x 2.5" SAS & SATA Backplane 5.25" ECO

- For dual-channel SAS and SATA RAID systems (controller not included)
- Drive bays for SAS or SATA disks up to 12.5mm in height
- Internal SAS SFF-8482 backplane connector, SATA compatible
- External SATA ports, 2 per disk, primary (black) and secondary (orange) channel.
- Power supply with 15 pin SATA power
- LED for power & HDD activity
- 4 HDD bays with locking and ejection
- Individual locks for each drive bay, 2 keys
- Two 40mm rear fans
- Occupies only a standard 5.25" drive bay
- ~19cm in depth with cables

21981

SATA Backplane Module

- For 3.5" hard drives with SATA interface, supports SATA drives of any capacity
- Disk snaps directly into the backplane, special 'No Scratch' connector protects the hard drive contacts and is tested to exceed over 10,000 insertions/ejections
- Metal frame with vibration dampers
- Lockable drive eject handle with automatic drive release system
- Power and activity LEDs

Premium, 'No Scratch' SATA Premium

20971
21978

SAS & SATA Backplane Module

- For 3.5" SAS and SATA HDDs
- External: 2 SATA 7 pin connectors (prim. & sec.)
- Internal: SAS Backplane port for SFF-8482, SATA compatible
- Hard drives snap directly into the backplane
- LEDs for power and activity
- Fits into a standard 5.25" bay
- Locking lever with ejection mechanism
- Metal frame with rubber bearings prevents vibrations and noise,
- Depth is about 19cm

21970



Quad Drive SFF-8470 SAS/SATA System

- External desktop hard drive enclosure with high speed SAS/Infiniband/SATA multilane SFF-8470 x4 interface - the fastest interface for external hard drives with up to 4x 3 Gbit/s
- For four modern 3.5"/2.5" SATA HDDs

42827

Quad Drive System eSATA & USB 3.0

- External desktop hard drive enclosure with SuperSpeed USB 3.0/2.0 and eSATA interface
- For four modern 3.5"/2.5" SATA HDDs
- Connection via a single USB 3.0 or eSATA cable

43124

USB 3.0 Dual 2.5" Mobile RAID

- Compact stand alone RAID system
- For 2.5" SATA HDDs/SSDs
- Configurable via DIP switches:
RAID 0/RAID 1/JBOD/Non-RAID

43125



Carry Case for HDD/SSD

- Leatherette case with side pocket for cables etc.
- For 3.5" or 2.5" HDDs / SSDs

40684

3.5" HDD Storage Case, gray

- With foam padding
- Antistatic protection
- Stackable

40682

3.5" HDD Storage Case, blue

- With foam padding
- Antistatic protection
- Stackable

40686

2.5" HDD Storage Case, black

- With foam padding
- Antistatic protection
- Stackable

40687

INTERNAL BACKPLANE DETACHABLE CONNECTIONS

With increasing size and speed and the steady fall of storage media cost, storing huge amounts of data is becoming more convenient and affordable. Thanks to technological advances, HDDs and SSDs reach new heights in capacity and speed. However, this also increases the potential risk for suddenly losing large amounts of data in case of a disk failure. That is why backup and data protection are more important than ever.

LINDY offers a wide range of removable mounting frames, external enclosures, mounting rails, and storage systems of any type and size. Whether it is a storage medium that you only use on the road once a week or a disk you that you put in a vault every night, whether it is a single SATA drive or an SSD that you connect to a notebook or a whole RAID array: LINDY has the right solution for all of these and even more applications.



Always well equipped with LINDY products!



- Screw, Nut & Jumper Assortment Box
- For details see www.LINDY.com

66050

Hex Nut for 'D' Connector Locking Post



- For example, to connect two Sub-D connectors, when only screws are provided.

62050

Screws, Nuts, etc.



- In resealable LINDY poly bag

Screw 6-32 UNC x 6mm	50 pcs	66000
Screw 6-32 UNC x 4mm	50 pcs	66001
Screw M3 x 4mm Phillips	50 pcs	66002
Screw M3 x 5mm Phillips	50 pcs	66003
M3 hex spacers, 6 x 5mm	50 pcs	66021
UNC 4-40 hex bolts & nut for D-connector	10 pcs	66026
Jumper, 2.54mm	10 pcs	62270

LINDY Connectors



- Solderable Sub-D Male and Female connectors for building your own cables and adapters, tough metal construction
- 5 pieces per pack

9 pin Sub-D male connector	metallic	5 pcs	62042
9 pin Sub-D female connector	metallic	5 pcs	62051

5" Side Cutter for patch cable



- For copper cable, and for cutting patch cable ends
- For use with copper up to 1.2mm core diameter only
- Thickness of blades ~3mm, length of blades ~8mm

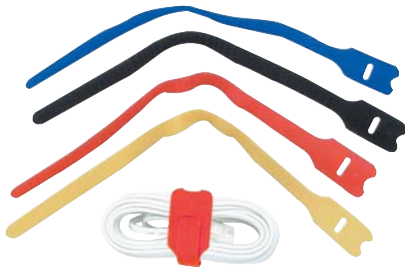
43207

Hook & Loop Cable Ties, 10 pcs

- Cable tie with hook and loop design closure for secure, re-usable fixing
- Ideal for general purpose desk top cable use or in a network or AV cabinet

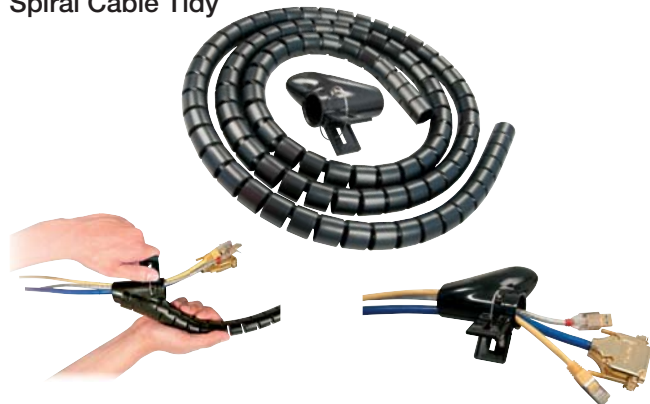


	Black	Red	Yellow	Blue	Purple
17.5cm	40767	40768	40769	40775	40783



	Black	Red	Yellow	Blue	Purple
20 cm	40791	-	-	-	-
30 cm	40795	40796	40797	40798	-

Spiral Cable Tidy



- Flexible spiral cable wrap with clip tool for cable mounting

2m, Ø ~25mm	40575
5m, Ø ~25mm	40581

Cable Ties



- Material: polyamid 6.6 (nylon)

Cable Ties 100 pcs	Transparent	Black
2.5x100 mm	40660	40665
3.6x250 mm	40661	40666
4.8x160 mm	40662	40667
4.8x250 mm	40663	40668
7.2x350 mm	40664	40669

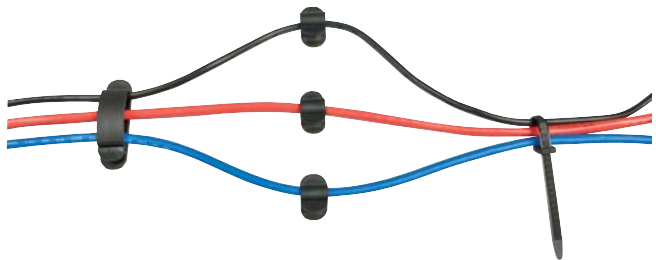
Hook & Loop Cable Tie Roll, 5m



- Double-sided Hook & Loop cable tie roll
- Length ~5m, width 2cm

40582

Cable Management Set



- 8 small clips
- 3 large clips
- 5 cable ties

40763



NEW

USB Power Meter

- Measures power consumption with voltage and amperage display
- Automatic switching between volt and amperage display
- 3 digit LED display
- In: 1x USB A male; out: 1x USB A female
- Max power output: 5 V / 5 A

43010



ATX PSU Tester with LCD Display

- This tester allows you to quickly and easily test a computer's ATX power supply. It features an LCD screen which clearly and accurately shows the voltage of the connected inputs.
- Power supply input:
20/24/8/6/4 pin ATX connector SATA
- Voltage indicator:
+12V / -12V / +5V / -5V / +3V / -3V / 5V Stand By / 12V Power Good (PG)

43058



Universal Cable Tester

- Cable tester for all standard computer cables with the following connections: 9/15/25 Way D, 15 Way HD, BNC, RJ45, Centronics (male), USB and IEEE 1394 FireWire.
- Requires 9V battery (not included)

43054



Multifunction Cable Tester

- Semi-automatic, LCD display and optional data transfer to PC
- Tests DVI, HDMI, VGA, USB Type A/B, FW/1394 6/4, RCA, D9/15, BNC, RJ45/11/12, SATA, IDC 40/34, F type

DVI, FW, USB 2.0, ... 43019
DP, USB 3.0/2.0, ... 43069



Cable Tester for HDMI cable

- Semi-automatic, two piece, for testing installed cable
- Connectors: HDMI type A (standard)
- Also works with appropriate adapters HDMI Type C, D and DVI

43062



LAN Tester LITE

- Reads pin configurations of RJ45, RJ10, RJ12/RJ11 modular cables

43059



LAN & USB Cable Tester

- For RJ45 patch cable, 10Base-T,
- Tests the following cables: USB (Type A/A, Type A/B), RJ45 (UTP/STP), BNC, Co-axial and RJ11/RJ12 modular cables.
- Package Contents: 1 cable tester (master box) (Remote Box) BNC RJ45 modular cable
- Soft carrying case

43009



Interface Tester, Loop Back Connector

- You can test your serial ports and verify proper operation. Software is needed for proper testing (not included)

60254



Anti-Static Wrist Strap

- Helps to prevent electrostatic charge building up when handling CMOS and other devices prone to electrostatic damage
- Adjustable to ensure a comfortable fit

40165



Anti-Static Service Kit

- Package contents:
- Static dissipative mat with two storage pockets
 - Mat size: 600 x 600mm
 - 2.5m ground cord with crocodile clip
 - 1.5m coiled wrist strap cord
 - Adjustable wrist strap

43080



LED Flashlight

- 28 LEDs, Lumen: 100lm
- Powered via 3 AAA batteries (not included)

43071



LED Zoom Torch, 300 Lumen High Output Cree LED

- Pocket sized twist zoom torch
- High output 300 Lumen XR-E LED from specialist LED manufacturer Cree
- Dust and weather proof, black, aluminium alloy casing (IP54 rated) - Ideal for indoor or outdoor use

43074



6 Piece Torx Set

- Torx screwdriver
- Hardened steel (50mm)
- T7H, T8H, T9H, T10H, T15H, T20H



7 Piece Screwdriver Set

- 3x Phillips screwdriver
- Phillips (50mm): #00, #0, #1
- Screwdriver 4x (50mm) for slotted screws: 1.6 / 2.0 / 2.4 / 3.0 mm



5 Piece Torx Set, small

- 5 piece torx set
- Torx bits: T6, T7, T8, T9, T10
- Plastic with swivel head, about 11cm

43015

43013

43012



Universal & LAN Tool Kit, 54 pcs

- LAN tester & crimp pliers, side cutters, and screwdrivers and many other accessories!
- For more details please visit www.LINDY.com



PC Compact Service Kit

- Flathead driver: 3.17mm, 4.76mm
- Philips drivers: #0, #1
- Female bits: 4.76mm, 6.35mm
- Torx bits: T-10 and T-15
- IC extractor 8-16 pins
- Assembly tweezers
- 3 claw parts holder
- Spare parts tube



Precision Service Kit

- 3x Philips drivers (50mm, #00, #0, #1)
- 3x Flathead drivers (2.0mm, 2.4mm, 3.0mm)
- 4.5" side cutters
- 5.5" long nose pliers
- 5.5" long nose pliers with 45° angle
- 5.5" flat nose assembly pliers
- 5.5" needle nose pliers



Premium Tool Kit, 35 pcs

- 35 piece tool kit for computer and network technicians. Bag with handle and shoulder strap
- Digital Multimeter
- Screwdriver, screw wrench, pliers and crimp tools
- Soldering iron, desoldering pump, mount and solder
- Anti-static wrist strap
- Dimensions: 35 x 35 x 11cm (WxDxH) ~3.5 kg

43057

43041

43016

43043



HDMI Tool Kit

- Create HDMI cables to whatever length you wish whenever you need them
- HDMI Crimp Tool
- HDMI Tester with 9V battery
- 10 HDMI connectors with wire guide
- 5 wire compression guides
- LINDY manual
- Use with 100m HDMI bulk cable (43068) Order separately

43063



HDMI Connector

- Use this HDMI Connector in conjunction with the LINDY HDMI cable (43068) and HDMI Tool Kit (43063) to create HDMI cables.

43066



100m High Speed HDMI bulk cable with Ethernet

- Bulk cable to be used with HDMI tool kit (43063)
- Max length is 10m at full 1080p resolution and 12-bit colour depth
- Raw unterminated HDMI Cable supplied on a 100m reel
- Triple shielded
- HDMI 1.4 compatible, High Speed HDMI , 3D

43068



USB & FIREWIRE UNIVERSAL

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EXTEND USB BY UP TO 400 METERS WITH LINDY USB EXTENDER SOLUTIONS

ACTIVE EXTENSIONS:

REQUIREMENTS: To connect a USB device, e.g. a printer or external hard drive to a computer over long distances (up to 50m).

SOLUTIONS: LINDY Active extenders use built-in electronics to amplify the USB signal and transmit it up to a distance of 50 meters. They can be used in a variety of applications.

CAT.5 EXTENDER

REQUIREMENTS FOR 50M: To connect a touch board to a PC at a distance of 50m.

SOLUTIONS FOR 50M: USB Extender 42693 bridges 50m using a Cat.5 cable.

REQUIREMENTS FOR 100M: Control systems or test benches in industrial applications often need to be controlled and monitored from computers placed at distances of up to 100 meters. Extender reliability has top priority here. Failures could lead to production downtimes thereby leading to high costs or distorting the result of tests - on the life cycles of a motor, for example.

SOLUTIONS FOR 100M: The premium model No. 42700 and 42695 meet these requirements. They transmit data over large distances and have been designed for the conditions typical in industrial environments. The metal housing protects against interference radiation. The extenders have 2 power supplies for the transmitter and receiver.

OPTICAL EXTENDER

REQUIREMENTS: To manage large volumes of data from a server placed 100m away.

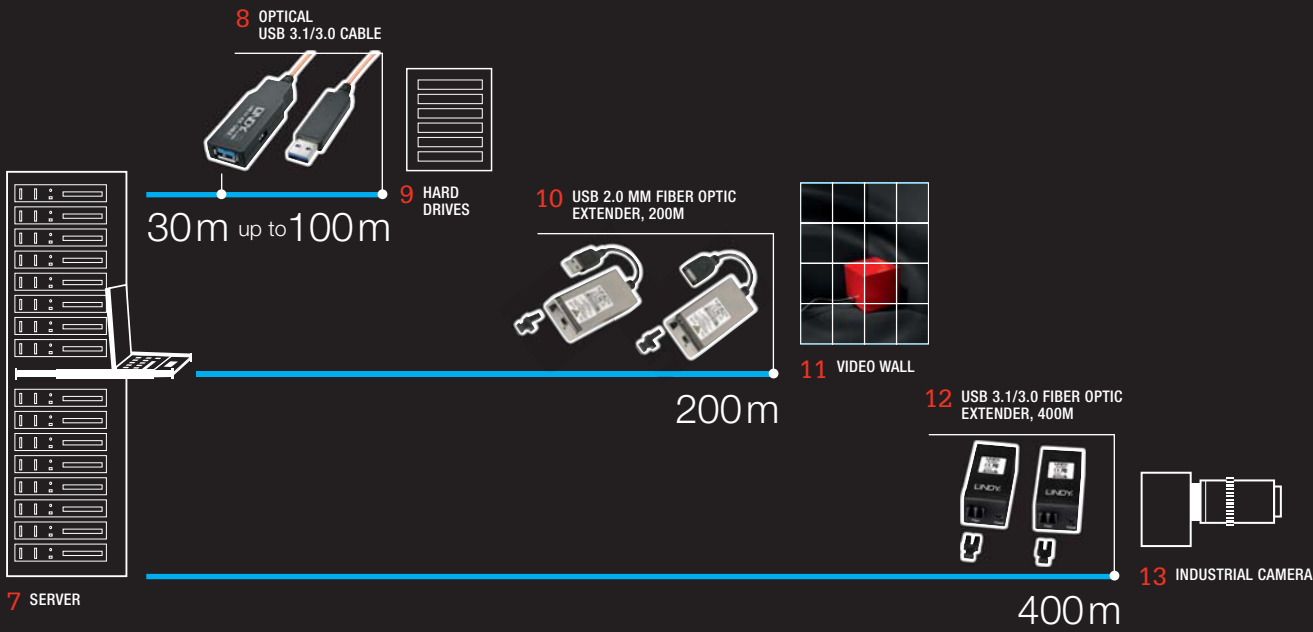
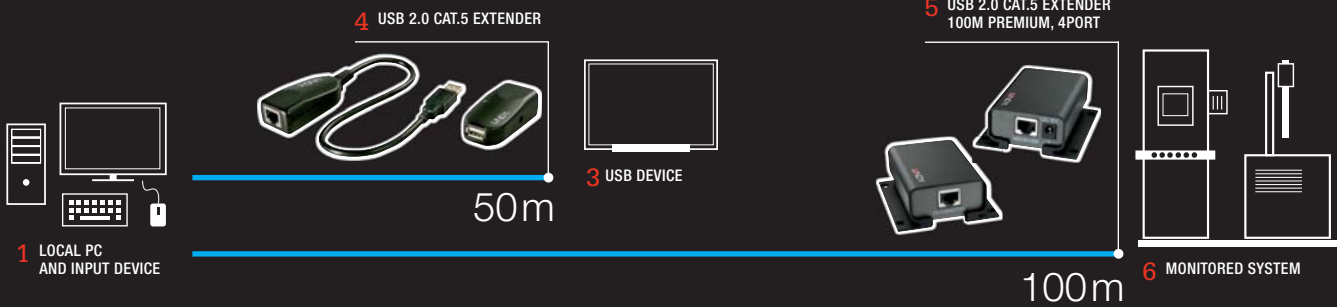
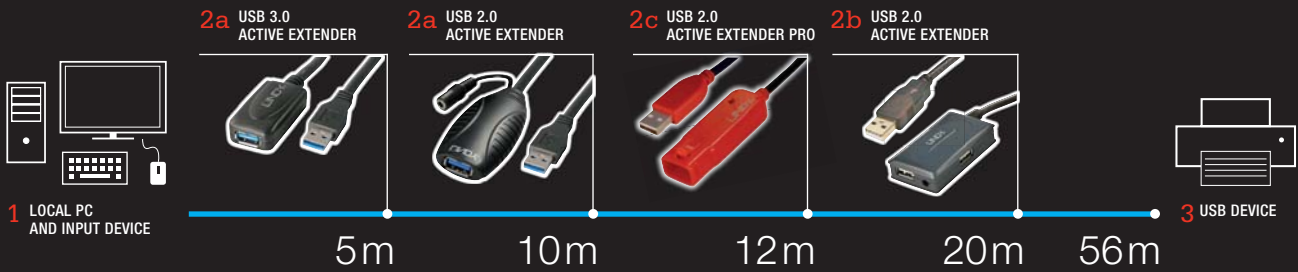
SOLUTIONS: USB 3.1/3.0 active optical cable, No. 42696 which can transmit data volumes far greater than USB 2.0 – up to a maximum of 5Gbps.

REQUIREMENTS: To provide remote control and maintenance of a video wall placed 200m away from a server. Electromagnetic fields in the environment make it necessary to protect data transmissions from interference radiation.

SOLUTIONS: For these long distances, the USB 2.0 Fiber Optic Extender, No. 42703 is the perfect solution. It sends the data via Fiber Optic cables at distances of up to 200m. Unlike copper cables, Fiber Optic cables are not susceptible to magnetic interference. The video signal will be transmitted via an HDMI extender.

REQUIREMENTS: To monitor industrial manufacturing processes using industrial CCTV cameras at distances of up to 400m.

SOLUTIONS: The LINDY USB 3.1/3.0 Fiber Optic Extender No. 42707 provides access to multiple cameras at different distances, up to a maximum of 400m. It provides support for the new USB 3.0 vision standard making it especially suited to systems with video support.



**PRODUCTS
IN USE**



1 LOCAL PC AND INPUT DEVICE

The USB Active extender or Cat.5 Extender transmitter is connected to the local computer in the office or at home via a USB cable.

A wide selection of USB cables can be found on pages 218-228

2 ACTIVE EXTENDERS UP TO 50M

Choose a 5m, 8m, 10m, 15m or 20m Active extender based on the distance required between the local computer and the USB device. Depending on the particular model, you can also connect multiple extenders in series. Active extenders which have integrated hubs allow up to 4 USB devices to be connected at once.

2a USB 2.0 and USB 3.1/3.0 Active extenders

→ Page 167, No. 43155, 43156, 43162, 42817, 42915, 42631



2b Active extender with hub:

→ Page 167, No. 42630



2c USB Active extender Pro System:

→ Page 167, No. 43157, 43158, 43159, 42780, 42781, 42782, 42783



3 USB DEVICE

A USB device, such as a printer or external hard drive, is connected to the end of an Active extender at a maximum distance of 56m using a USB cable.

4 USB 2.0 CAT.5 EXTENDER, 50M

The USB 2.0 Cat. 5 extender transmitter is connected to the local computer and the Extender receiver with a Cat.5e/6/7 network cable at a distance of up to 50m.

USB 2.0 Cat. 5 extenders up to 50m can be found on:

→ Page 168, No. 42693 or 42688



5 USB 2.0 CAT.5 EXTENDER, 100M

The USB 2.0 Cat. 5 extender transmitter is connected to the local computer and the Extender receiver with a Cat. 5e/6/7 network cable at a distance of up to 100m.

USB 2.0 Cat.5 extenders up to 100m can be found on:

→ Page 168, No. 42700 or 42695



6 MONITORED SYSTEM

A USB device is connected to the end of the USB 2.0 Cat.5 Active extender at a maximum distance of 100metres.

7 SERVER

The active optical cable or optical extender is connected via a fibre-optical cable.

8 ACTIVE OPTICAL USB 3.1/3.0 CABLE

Active optical USB cables are available in lengths between 30m and 100m. They can transmit data at up to 5Gbps at distances of up to 100m.

Active optical USB 3.1/3.0 cables can be found on:

→ Page 168, No. 42683-5 and 42696



9 HARD DRIVES

Large data volumes can be managed on hard drives at distances of up to 100m from the server.

10 USB 2.0 MM FIBER OPTIC EXTENDER, 200M

Fiber optic connections allow higher bandwidths and distances than copper cables. The optical extender transmitter is initially connected to a USB cable on the server. Then it is connected to the receiver with a fiber optic cable up to 200m in length. The USB extender transmits data which includes brightness, contrast and address. Video signals are then sent via HDMI extenders like No. 38003, see page 54.

The USB 2.0 MM Fiber Optic Extender, 200m can be found on:

→ Page 168, No. 42702



11 VIDEO WALL

The Video wall is connected to the extender receiver via a USB cable for controlling.

12 USB 3.1/3.0 FIBER OPTIC EXTENDER, 400M

This optical extender supports the USB 3 vision standard making it suitable for use with machines with video support, for instance in industrial manufacturing processes in the area of automation technology and quality assurance, traffic or safety technology. The extender transmitter is connected to the server via a USB cable. Then it is connected to the receiver using a fiber optic (LC Duplex Multi-mode) cable up to 400m in length.

The USB 2.0 MM Fiber Optic Extender, 400m can be found on:

→ Page 168, No. 42707



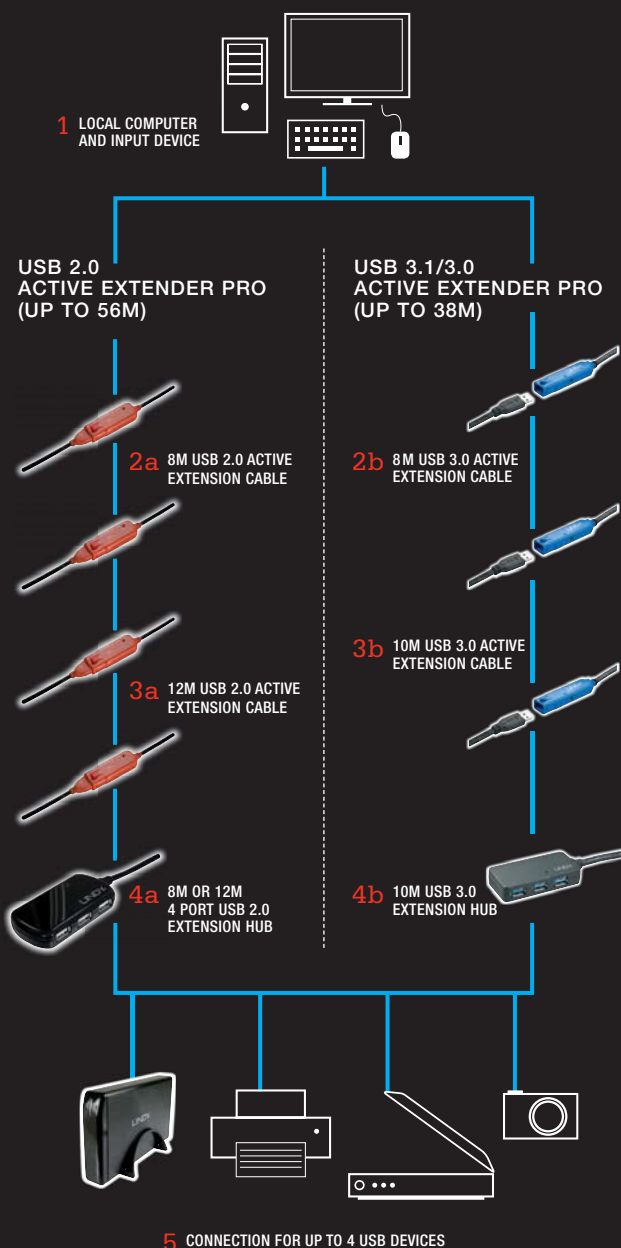
13 INDUSTRIAL CAMERA

The Industrial camera is connected to the receiver device via a USB cable. Support is provided for the latest USB 3 vision standard for industrial image processing.

USB ACTIVE EXTENDER PRO SYSTEM

MODULAR SOLUTIONS TO EXTEND USB 2.0 & USB 3.1/3.0

The wide range of LINDY USB Active Extender Pro series devices allows USB signals to be extended and distributed efficiently. By choosing and combining individual elements, USB signals can be transmitted over maximum distances from source to target devices as per requirements. Consisting of USB active extenders and USB hubs, the series provides ease of installation and can be adapted to meet requirements at any time.



PRODUCTS IN USE

1 USB SOURCE DEVICE
A PC or a Mac can be used as the source device.

2 USB ACTIVE EXTENDER PRO
To achieve the correct distance, the first segment must be connected directly to the USB source device.

2a USB 2.0 Active Extender Pro, length 8m
→ Page 167, No. 42780

2b USB 3.1/3.0 Active Extender Pro, length 8m
→ Page 167, No. 43158

3 USB 2.0 ACTIVE EXTENDER PRO
Depending on the hardware in use, several of these extender segments can be used in series. The distance can be extended by 8m or 12m per segments with USB 2.0. With USB 3.1/3.0, distances of 8m or 10m are possible per extension.

3a USB 2.0 Active Extender Pro, length 8m
→ Page 167, No. 42780
USB 2.0 Active Extender Pro, length 12m
→ Page 167, No. 42782

3b USB 3.1/3.0 Active Extender Pro, length 8m
→ Page 167, No. 43158
USB 3.1/3.0 Active Extender Pro, length 10m
→ Page 167, No. 43157

4 USB ACTIVE EXTENDER 4 PORT USB HUB
A 4 port USB hub can be used to connect multiple additional devices such as printers, scanners, cameras and USB hard drives. Using its active components, the hub extends the maximum distance to up to 56m (USB 2.0) or up to 38m (USB 3.1/3.0).

4a USB 2.0 Active Extender Pro incl. 4 Port Hub, length 8m
→ Page 167, No. 42781
USB 2.0 Active Extender Pro incl. 4 Port Hub, length 12m
→ Page 167, No. 42783

4b USB 3.0 Active Extender Pro, length 10m
→ Page 167, No. 43159

5 USB DEVICES
e.g. LINDY USB 3.0 & eSATA enclosure 3.5" (SATA 6Gbps)
→ Page 167, No. 43107

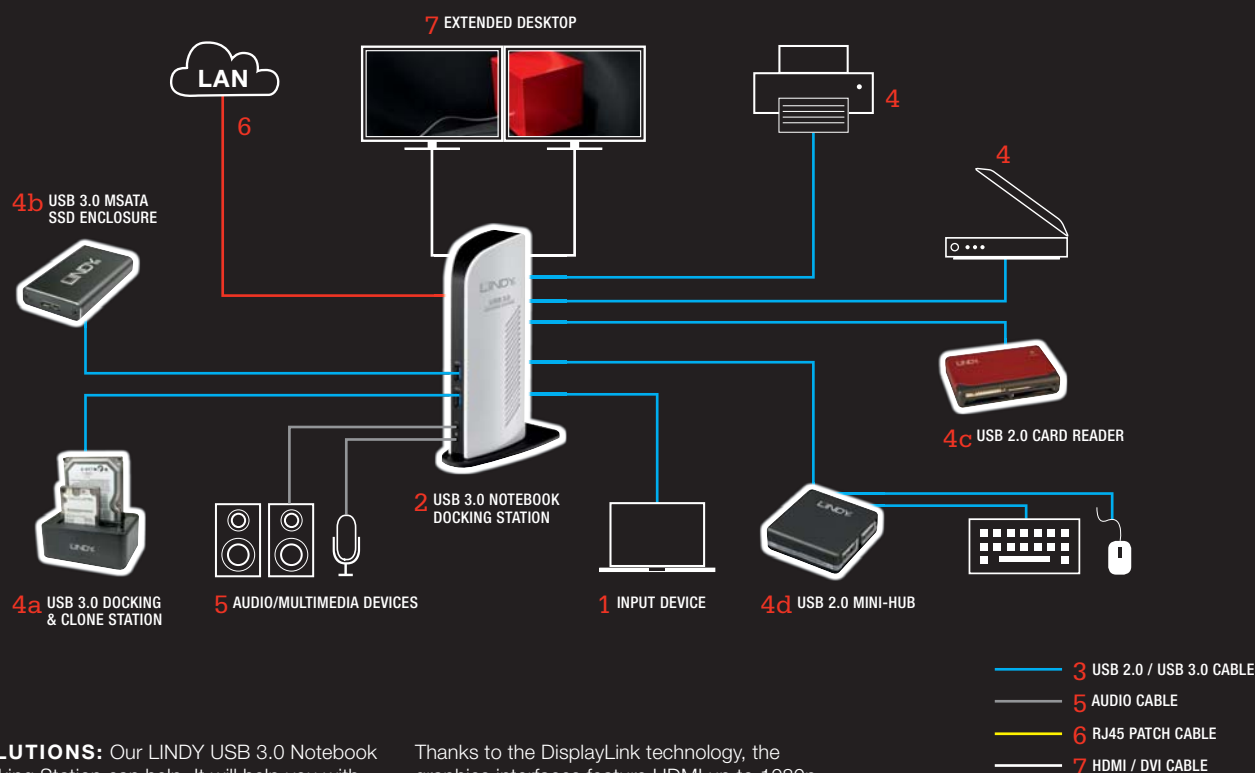
DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

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TECH@LINDY.COM

NOTEBOOK DOCKING STATIONS

REQUIREMENTS: Flexible, mobile working in the office, on the road, or at home using laptops is all the rage. Just as the market share of desktop PCs is down, notebooks and Ultrabook sales are going through the roof. To work in the office or at home, more than just the PC is needed. The data you use also needs to be processed, scanned, copied, printed and sent to a large display or projector as well as data back-up. In other words: Peripherals, including the cables which connect them - are a must! How can you stay mobile and continue to benefit from being able to change locations quickly if you have to disconnect 20 cables each time you shut down the computer before you can get away?



SOLUTIONS: Our LINDY USB 3.0 Notebook Docking Station can help. It will help you with all your connection needs. All peripherals are connected to the notebook via its own USB 3.0 cable. The high bandwidth 5Gbps provided by USB 3.0, the Notebook Docking Station makes simultaneous peripheral operation very easy. Two monitors with extended desktop functionality is a non-issue for this Docking Station nor is Gigabit LAN connectivity, or printer, scanner, card reader, mouse, keyboard, external hard drive, audio devices such as headsets, microphones, speakers, cameras, and much more. You can also use clone stations to clone and back up local hard drives with minimal hassle.

Thanks to the DisplayLink technology, the graphics interfaces feature HDMI up to 1080p and DVI up to 1920 x 1200; the docking station can even handle the old VGA standard up to 2048 x 1152 via a DVI-I adapter. While on the road, the laptop keeps all your data at hand both at the office and at home. A wide range of the peripherals is accessible via a single cable connection. When your work at the office is done, simply shut down the notebook, unplug and take off.

AREA OF APPLICATION:
Office and home office workstations with multiple monitors in combination with laptops with a number of peripherals, from network to audio devices to clone docking stations.

PRODUCTS IN USE

1 NOTEBOOK

Thinner notebooks, netbooks and Ultrabooks with much fewer connection ports are becoming much more popular. If the current trend continues, soon only one port will be fitted for all peripherals.

2 USB 3.0 DOCKING STATION

Connects notebooks via a USB 3.0 or USB 2.0 cable with external peripherals and monitors via HDMI, DVI-I or VGA, for 2 monitors simultaneously.

USB 3.0 Docking Station can be found on:
→ Page 177,
No. 43180



3 USB CABLE

Six stationary peripherals via two USB 3.0 SuperSpeed and four USB 2.0 Hi-Speed ports are connected to the notebook via the docking station. LINDY's wide range of USB cables provides flexible connection of source devices and peripherals at almost any distance.

Wide range of USB cable can be found on:
→ Page 218-224

USB signals can also be transmitted over even greater distances between the source device and peripherals based on the requirements. It is possible to bridge distances of up to 100m using USB active extenders and USB hubs. Wide range of USB cable can be found on:
→ Page 167-168

4 PERIPHERALS

Any USB peripherals can be connected to the monitor via the USB ports, e.g. printers, USB memory sticks, cameras, etc.

4a USB 3.0 DOCKING & CLONE STATION

Clone stations can also be integrated into the system. This allows the local drive to be cloned or a backup made at any time. The LINDY HDD Docking & Clone Station provides bitwise copying of HDDs and SSDs - and clones data media twice as quick as standard Clone Stations.

→ Page 174,
No. 43116



4b USB 3.0 MSATA SSD ENCLOSURE

An external hard drive can be connected to archive data no longer needed when using the notebook on the road. LINDY offers an external housing, e.g. for mSATA SSDs with connection and power supply via a USB 3.0 Port.

The USB 3.0 mSATA-SSD enclosure can be found on:
→ Page 172,
No. 43117



4c USB 2.0 MULTI-CARD READER

External card reader with 6 slots for over 80 different memory card formats, card slots for CF/SD/xD/TF/M2/MS, with Hi-Speed USB 2.0, USB A/Mini-B connection cables.

The USB 2.0 Multi-Card Reader can be found on:
→ Page 164, No. 42741



4d USB 2.0 MINI HUB

Compact Mini-Hub for USB 2.0 Hi-Speed with 4 ports for rapid data transfer. Ideal for supplemental connection of a stationary keyboard and mouse, when you do not wish to use the notebook keyboard.

The USB 2.0 Mini Hub can be found on:
→ Page 163,
No. 42742



5 AUDIO / MULTIMEDIA DEVICES

Audio signals, loudspeakers and microphones can be connected to the docking station directly via a 3.5mm jack.

6 NETWORK CONNECTION

For fixed workstations in the office environment, a notebook can be connected to the local network via the docking station to relieve the on-site WiFi.

RJ45 patch cables with lengths up to 100m, or bulk RJ45 cable for custom manufacture of network patch cables:
→ Page 130

RJ45 patch cables in various configurations and lengths up to 30 meters:
→ Page 124-129

7 EXTENDED DESKTOP

For fixed workstations, two monitors or one monitor and a TV (HDMI) can be connected to the docking station at the same time. A DVI cable can be placed between docking station and displays for each HDMI cable.

HDMI cables with an effective locking mechanism (Friction Locking) for secure connections in the various lengths can be found on:
→ Page 241,
No. 41439-41446



DVI gold cables in various lengths can be found on:
→ Page 237,
No. 37140-37146



DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

+44 1642 754 020
TECH@LINDY.COM



USB 3.1 Type-C Gigabit Ethernet Adapter

- USB 3.1 Gen 1 / USB 3.0 Standard with USB Type-C connector
- Gigabit Ethernet (10/100/1000 Mbit/s)

43164



USB 3.1 Type-C Notebook Hub

- 4 Port USB 3.1 Gen 1 / USB 3.0 Hub
- Supports USB SuperSpeed transfer up to 5 Gbit/s
- Interface:
 - 1x USB Type-C connector for PC
 - 4x USB Type A Female for USB devices, compatible with USB 2.0/1.1
- Power via USB Bus (900mA)

43154



USB 3.1 Type-C VGA Adapter

- Connect a VGA Monitor to a computer with USB Type-C Port and DisplayPort Alternate Mode
- USB 3.1 Gen 1 Standard
- Supports DisplayPort Alternate Mode
- Max. resolution: 1920 x 1080
- Power via USB Bus (900mA)
- Compatible with all computers with USB Type-C connector and DisplayPort Alternate Mode

43190



USB 3.1 Type-C DVI Adapter

- Connect a DVI Monitor to a computer with USB Type-C Port and DisplayPort Alternate Mode
- USB 3.1 Gen 1 Standard
- Supports DisplayPort Alternate Mode
- Max. resolution: 1920 x 1200p (Single Link)
- Power via USB Bus (900 mA)
- Compatible with all computers with USB Type-C connector and DisplayPort Alternate Mode

43191



USB 3.1 Type-C HDMI Adapter

- Connect a HDMI Monitor to a computer with USB Type-C Port and DisplayPort Alternate Mode
- USB 3.1 Gen 1 Standard
- Supports DisplayPort Alternate Mode
- Max. resolution: 4K 3840 x 2160p @ 30Hz
- Power via USB Bus (900 mA)
- Compatible with all computers with USB Type-C connector and DisplayPort Alternate Mode

43192



USB 3.1 Type-C DisplayPort Adapter

- Connect a DisplayPort Monitor to a computer with USB Type-C Port and DisplayPort Alternate Mode
- USB 3.1 Gen 1 Standard
- Supports DisplayPort Alternate Mode
- Max. resolution: 4K 3840 x 2160p @ 30Hz
- Power via USB Bus (900 mA)
- Compatible with all computers with USB Type-C connector and DisplayPort Alternate Mode

43193



WE CONSTANTLY ADD NEW PRODUCTS TO OUR CATALOG. MORE PRODUCTS WITH THE NEW USB TYPE-C CONNECTOR ARE AVAILABLE AT LINDY.COM

USB 3.1 / 3.0 Hubs



USB 3.1 / 3.0 Hub

- 4 USB 3.1 Gen 1 / 3.0 Ports
- Incl. USB 3.1 Gen 1 / 3.0 cable A/B and additional USB power cable A / DC

43133



43154

USB 3.1 / 3.0 Notebook Hub

- 4 USB 3.1 Gen 1 / 3.0 Ports
- USB Bus powered (900mA)

USB Male Type-C
USB Male Type A



43152

43154
43152



USB 3.1 / 3.0 Hub Basic

- 4 USB 3.1 Gen 1 / 3.0 Ports
- Incl. USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43143



USB 3.1 / 3.0 Hub with On/Off switch

- 4 USB 3.1 Gen 1 / USB 3.0 Ports
- Each port includes independent on/off switch
- Incl. USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43167



USB 3.1 / 3.0 Desk Hub & Card Reader

- Fits into desk's pre-cut holes of 60mm
- 3 USB 3.1 Gen 1 / 3.0 Ports, Card Reader with SDXC & Micro SDHC slots
- Connectors for headphones and mic
- USB 3.1 Gen 1 / 3.0 cable Type A

43161



USB 3.1 / 3.0 Hub 7 Port with 2 Charging Ports

- 7 USB 3.1 Gen 1 / 3.0 Ports
- 2 additional charging ports (BC 1.2) with max. 2.4A per port
- Incl. power supply 12V 4A
- USB 3.1 Gen 1 / 3.0 cable A / B

43153



USB 3.1 / 3.0 Metal Hub

- 7 USB 3.1 Gen 1 / 3.0 Ports
- Metal housing
- Incl. power supply, brackets with screw holes, USB 3.1 Gen 1 / 3.0 cable A / B

43128

USB 2.0 Hubs



USB 2.0 Mini Hub

- Mini format 4x4cm
- USB bus powered

42742

USB 2.0 Smart Hub

- Available with or without power supply
- Model without PSU but with connection for optional PSU (70222)

w/o psu
with psu

42998
42999

USB 2.0 Hub

- Compact hub
- With power supply

42619

USB 2.0 Cable Hub

- For maximum flexibility:
3 USB A ports & 1 USB Mini-B plug for MP3 player, smartphones or 2.5" HDD
- Connection for optional power supply

USB Mini-B

42836



USB 2.0 Notebook Hub

- Small and flexible 4 port hub
- USB plug can be rotated in all directions
- Bus powered

42621

USB 2.0 OTG 4 Port Hub

- Compatible with tablets and smartphones, that have OTG/USB host function
- USB bus powered; with optional psu connector (73823)
- Connectors: USB Micro-B male

42627

USB 2.0 OTG Hub & Card Reader

- Compatible with tablets and smartphones, that have OTG/USB host function
- 3 port USB hub & card reader with SD and microSD slots
- Connectors: USB Micro-B male

42626

USB 2.0 Metal Hub

- 7 port hub for use in industrial environment
- Euro power supply included and brackets with screw holes for proper installation
- Incl. USB 2.0 cable

42794

USB 3.0 CARD READERS



USB 3.1 / 3.0 Multi-Card Reader UHS-II

- USB 3.1 Gen 1 / 3.0 Standard
- Supports most memory cards incl. SD cards with UHS-I or UHS-II (max. data rate up to 312 MB/s)
- 4 card slots CF, MS, SD, MicroSD

43163



USB 3.1 / 3.0 Multi-Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- 5 slots for 80 types of memory cards
- Supports high capacity cards such as CF UDMA or SDXC up to 64GB
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43150



USB 3.1 / 3.0 SD/microSD Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- Card reader for SD & microSD cards
- Reads the following card types: SD, SDHC, SDXC, miniSD (with adapter - not included), microSD, MMC/RS, MMC/MMC, Micro/MMC mobile

43151

USB 2.0 Card Readers & Hubs



USB 2.0 OTG & PC Card Reader

- SD and microSD card slots for: SD, SDHC, SDXC, miniSD (with adapter - not incl.), microSD
- USB A male for PC connection
- USB Micro-B male for tablets and smartphones, with card reader support

42625



USB 2.0 OTG Hub & Card Reader

- Compatible with tablets and smartphones that have USB OTG support
- 3 port USB hub & card reader with SD and microSD card slots
- Connector: USB Micro-B male

42626



USB 2.0 Multi-Card Reader Classic

- 6 card slots: CF/ SD/ xD/ TF/ M2/ MS
- Reads more than 80 memory cards (see website for details)
- Supports PC & Mac

42741



USB 2.0 Chip Card Reader

- For money and phone cards, electronic signature, etc.
- Drivers included, application software not included
- Supports PC & Mac

42768

FireWire400 Hub / Repeater



- 6 IEEE1394a FireWire400 ports (6 pin)
- Data transfer rates up to 400Mbit/s
- Power supply included

32916

FireWire800 Hub / Repeater



- 3 FireWire800 ports (9 pin)
- Data transfer rates up to 800Mbit/s
- Power supply included

32911

USB 3.1 / 3.0 Hub & Gigabit Ethernet Adapter



- 3 USB 3.1 Gen 1 / 3.0 ports and a Gigabit Ethernet interface
- Supports battery charging standard 1.1
- Optional power supply 73842

43122

USB 3.1 / 3.0 Switch



- USB 3.1 Gen 1 / 3.0 Standard
- 2 or 4 computers sharing a USB device
- Switch between computers via button

2 computers

43141

4 computers

43144

USB 3.1 / 3.0 Switch Hotkey



- USB 3.1 Gen 1 / 3.0 Standard
- 2 computers share one USB device
- Switch between computers via button on the switch or keyboard hotkey

43149

USB 2.0 Sharing Hub



- 2 PCs access up to 4 USB devices
- Selection of active computer by switch button

42887

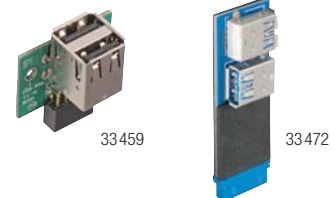
USB 3.1 / 3.0 Front Panel 3.5"



- 3.5" front panel for two additional USB 3.1 Gen 1 / 3.0 ports
- Directly connect to mainboard via 19 pin internal cable

43134

USB Mainboard Adapter



- Adapts the USB pin header connector on the mainboard to two USB type A connectors

USB 2.0 / IDC 2x5

33459

USB 3.1 Gen 1 / 3.0 / IDC 2x10

33472

USB 2.0 Switch



USB 2.0 Auto Switch Pro

USB 2.0 Switch Classic

- For up to 4 computers
- Automatic switching via hotkey, software or manual switch button
- Can be combined with a USB hub for additional USB devices

- For 2 or up to 4 computers
- Automatic switching by hotkey, or by manual switch on the device
- Can be combined with a USB hub for additional USB devices

42843

2 computers

42795

4 computers

42784

Internal USB 3.1 / 3.0 Hubs & Card Readers



3.5" & 5.25" Internal USB 3.0 Hub

3.5" Internal USB 3.0 Hub

3.5" USB 3.0 Front Panel

3.5" Internal USB 3.0 Multi-Card Reader & 1 USB 3.0 port

- 4 Port USB Hub
- For 3.5" or 5.25" slots
- Connects to USB 3.1 Gen 1 / 3.0 port incl. slot bracket with cable routing

- With 19 pin USB 3.0 mainboard connector
- 4 USB 3.1 Gen 1 / 3.0 ports

- 3.5" front panel for two additional USB 3.1 Gen 1 / 3.0 ports
- Directly connect to mainboard via 19 pin USB 3.0 internal cable

- 5 slot card reader: SD/MMC, microSD/M2, xD, MS/Pro/Duo, CF
- USB 3.1 Gen 1 / 3.0 front panel port
- For installation into 5.25" bay, please use 40515

Connector: USB A-B cable 43135

19pin Connector 43146

43134

43145

Internal Modular Bay



3.5" Modular bay for 2.5" HDD/SSD with USB ports & eSATAp

5.25" Modular bay for Slim ODD & 2.5" HDD/SSD, with 2 USB 2.0 ports

3.5" Internal Multi-Card Reader & USB port

- 1x 2.5" HDD/SSD
- 3x USB 2.0 ports
- 1x eSATAp 5 & 12V (eSATA & USB)

- 1x Slim CD/DVD/BD drive bay
- 1x 2.5" HDD/SSD drive bay
- 2x USB 2.0 ports

- 6 slot card reader: M2, xD, CF/MD, SD/MMC, TransFlash (TF), MS
- USB front panel port
- For installation into 5.25" bay, please use 40515

20967

20966

42729

USB 3.1 / 3.0 Active Extension



- USB 3.1 Gen 1 / 3.0 Standard
- Extends up to 5, 10, 15, 30m
- 43155 & 43162: Maximum allowed are two of these extensions in a series (hardware dependent)
- 43156 & 43162: Connection for optional power supply (not included)

5m	43 155
10m	43 156
15m NEW	43 162

USB 2.0 Active Extension 5m



- Use up to 5 cables in a row to achieve a maximum of 25m between computer and device
- 42817: Slim design

Slim	42 817
Premium	42 915

USB 2.0 Active Extension Hub



10m with 4 Port Hub

- USB 2.0 hub with built in 10m extension cable, connects up to 4 USB devices
- Two 10m active extension hub cables can be connected in a series (max. 20m)
- Bus powered from the computer or self powered via power supply (not included)

42 630



20m

- USB 2.0 active extension cable for up to 20m!
- USB bus powered only
- Not suitable for USB devices with high power consumption, e.g. hard drives!
- Max. 2 USB 2.0 active extensions (20m) cascable

42 631

USB 3.1 / 3.0 Active Extension System Pro



- USB 3.1 Gen 1 / 3.0 Standard
- Extends USB signals up to 18m, up to 38m with some hardware systems
- **Always start with the active extension cable 8m (43158)**
- Additional segments, like the active extension pro 10m (43157) can be added
- Use an active extension hub pro 10m (43159) at the end of your system, when connecting USB devices with high power requirements
- Plug & play - driver included with the operating system

	8m	10m
	43 158	43 157
with Hub	-	43 159

USB 2.0 Active Extension System Pro



- Combine up to 5 active extensions from this system to reach a maximum distance of 56m
- **Always start with the active extension cable 42780**
- Expand the system with up to four (12m or 8m) active extension cables pro
- Plug & play - driver included with the operating system
- If you need several USB ports or want to connect USB bus powered devices with a power consumption of more than 100mA, use an active extension hub pro (8m or 12m) with power supply at the end of your system

	8m	12m
	42 780	42 782
with Hub	42 781	42 783

USB 3.1/3.0 Fiber Optic Extender 400m

- Transmits signals up to 400m via a single multi-mode fiber cable
- Supports USB 3.1 Gen 1/
- USB 3.0 Super Speed (5Gbps),
- no support for USB 2.0 /1.1!
- Supports USB 3 Vision standard and
- is particularly suitable for videos systems (Industrial Cameras) in Industrial processes, Automation, QC, traffic and safety technology

LEARN MORE
→ 154



42707

USB 2.0 Fiber Optic Extender 200m

- Transmits USB signals up to 200m via fiber optic cable (Simplex Multi-mode with LC connector)
- Receiver unit with a single USB port, supports USB Hubs for more USB devices
- Incl. power supply adapter for EU/UK/US

LEARN MORE
→ 154



42702

Optical USB 3.1 / 3.0 Cable

Optical USB 3.0 cable supports greater distances compared to conventional copper wire and are much more flexible and lighter.

- Data transfer up to 5Gbit/s up to a distance of 100m
- Supplied with USB A/Micro-B cable and USB charging adapter for power supply



LEARN MORE
→ 154

30m 50m 70m 100m
42683 42684 42685 42696

USB 2.0 Adapter for Optical USB 3.1 / 3.0 Cable

- Allows USB 2.0 devices to be used with the optical USB 3.1 / 3.0 cable



42682

Premium USB 2.0 Cat.5 Extender 100m



LEARN MORE
→ 154



7 Port for 2 PCs

4 Port

- Supports USB 2.0 devices for 2 PCs up to 100m distance
- Receiver unit with integrated 7 port USB 2.0 hub (self powered, also for USB devices with high power requirements)
- Supplied with 2 multi-country power supplies (for transmitter and receiver)

- Supports four USB 2.0 devices up to a distance of 100m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/Low Speed
- Supplied with 2 multi-country power supplies (for transmitter and receiver)

42695

42700

USB 2.0 Cat.5 Extender



50m Classic 1 Port

- Supports one USB 2.0 device or a hub over a distance of up to 50m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full speed/Low speed
- Supplied with multi-country power supply

42693



100m UTP 1 Port

- Supports one USB 2.0 device or a hub over a distance of up to 100m
- Best performance with UTP cable
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/Low Speed
- Supplied with multi-country power supply

42694

LEARN MORE
→ 154



50m STP 4 Port

- Supports USB 2.0 devices over a distance of up to 50m, compatible with USB 1.1
- Optimized for STP cable
- Receiver unit with integrated 4 port USB 2.0 hub (self powered, for devices with high power requirements)
- Supplied with multi-country power supply

42688

USB 1.1 Cat.5 Extender 50m

Local and remote units are connected with an affordable Cat.5 cable (max. 50m). When LowSpeed USB devices e.g. mice are connected, distances up to 100m can be achieved. The local unit must be connected directly to the computer.

The extender creates a signal delay in relation to the Cat.5e cable length. An additional hub or extension can only be connected up to 40m. The extender works transparently and is not seen by the USB bus as a device.



USB 1.1 Cat.5 Extender 1 Port Premium, 50m

USB 1.1 Cat.5 Extender 1 Port, 50m

USB 1.1 Cat.5 Extender 1 Port Basic, 50m

USB 1.1 Cat.5 Extender 4 Port Hub, 50m

- Premium Extender with better compatibility

- Optional ECO PSU 5 VDC 2A, not included (70222)

- Best price/performance ratio

- Extender with 4 port hub
- Optional ECO PSU 5 VDC 2.6A, not included (73820)

42801

42805

42765

42802

USB Keyboard & Mouse Cat.5 Extender 300m



- Send USB Mouse & Keyboard signals up to 300m
- Only supports standard keyboards and mice and standard driver
- Not for wireless mice or special features and multimedia keys

32686

USB RS232 Cat.5 Extender 70m



- Extends RS-232 signals at a distance of up to 70m
- Consists of transmitter and receiver units, connected via Cat.5 (or higher) cable (cable not included)
- Provides full-duplex transmission, data transfer rates up to 230Kbit/s

32157

FireWire Extender / Repeater



FireWire Cat.5/6 Extender 75m

- Bridge distances up to 75m
- Suitable for FW400/800 devices, max. data transfer rate of 400Mbit/s
- Local & remote units are connected through a Cat.5e/6 UTP/STP cable (not included)

32917



FireWire 400 / IEEE1394a Repeater, 10m

- Connect your FireWire400 devices over greater distances than the specified 4.5m
- Max. data transfer rate 400Mbit/s
- The 4.5m cable can be connected max. 16 in a chain, 10m cable max. 5

32958



FireWire 800 / IEEE1394b Repeater, 10m

- Connect your FireWire800 devices over greater distances than the specified 4.5m
- Max. data transfer rate 800Mbit/s
- The 5m cable can be connected max. 10 in a chain, 10m cable max. 5

32957

Network Print Server



LAN Print Server 1P 10/100Base-TX, bidirectional

- 1x Parallel, bidirectional



Print Server 1x USB 2.0 - 10/100Base TX

- 1x USB 2.0



front & rear

USB 2.0 & Parallel Port LAN Print Server 10/100

- 2x USB & 1x Parallel

42374

42395

42392

USB 2.0 Gigabit Network Server, 4 port



- For USB devices such as printers or storage devices
- 4 Hi-Speed USB 2.0 Ports, one Gigabit RJ45 10/100/1000 port
- Network protocol: TCP/IP
- Supports Windows

42633

USB 5kV Isolation Adapter



- Enables galvanic separation of two USB devices
- USB Standard 1.1, USB 2.0 compatible, max. data rate 12Mbit/s
- Interface: Mini USB B and USB A female
- Insulation voltage 5kV
- Power of isolator via USB port, power of USB device via power supply (10-30V, 1A)
- Incl. power supply 5V 1.25A

42719

USB RS232/422/485 Converter for Electrical Cabinets



RS232 - RS422/485 Converter

- Electrically isolated
- Distance up to 1.2 km
- LED indicator for connection status
- Mounting bracket for DIN rail EN 50022

42718



USB - RS422/485 Converter

- Electrically isolated
- Up to 32 device connections to the RS485 interface possible
- Connection status will appear on two LEDs
- Mounting bracket for DIN rail EN 50022

42717

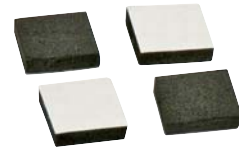
USB Floppy Disk Drive



- USB floppy drive
- Plug and play
- Capacity: 1.44MB floppy
- Floppy type: 2HD or 2DD

42716

Self Adhesive Foam Pads



- Gives 7mm or 7.5mm HDDs and SSDs proper grip and protection when installed into standard 2.5" enclosures
- 2 pads can be stacked and applied to slimmer drives

40556

Carry Case for HDD & Enclosures



- Synthetic leather case with side pocket for cables etc.
- 3.5" SATA HDD

40684

Storage Case for 2.5" / 3.5" HDD



- With foam padding
- Anti-static protection
- Stackable

3.5" gray	40682
3.5" blue	40686
2.5" black	40687

USB DC Power Cables

This adapter cable can supply a device with 5V (e.g. HDDs, USB hubs, etc.) via a DC socket using a standard USB power adapter (LINDY 73350).
Cable length about 1.5m

Adapter cable USB A to DC plug	2.35/0.7mm	2.5/0.7mm	3.5/1.35mm	4.8/1.7mm	5.5/2.5mm	5.5/2.5mm
	70264	70265	70266	70269	70267	70268



USB 2.0 Dual Power Cable

- Data & power cable for USB devices
- Provides up to 1A to a USB device like USB HDD enclosure or USB hub
- Molded, fully shielded cable

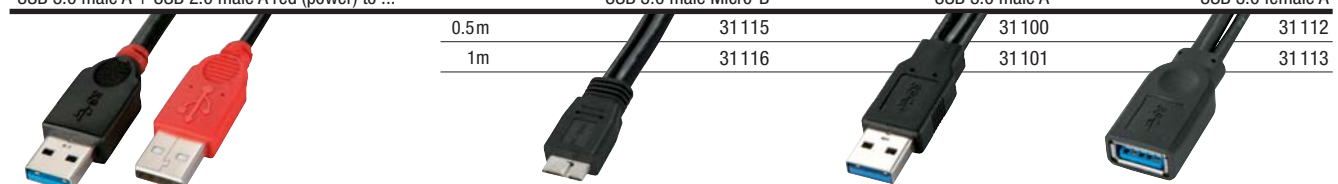
2x USB male A / male Mini-B	length A/A		
	0.2m	0.5m	
	0.5m	31779	-
	1m	31784	31786
	2m	31785	31787



USB 3.0 Dual Power Cable

- Provides twice the amount of power from 2 USB connections to a USB external hard drive
- USB 3.0 SuperSpeed, up to 5 Gbit/s

USB 3.0 male A + USB 2.0 male A red (power) to ...	0.5m	1m	USB 3.0 male Micro-B	31115	31116	USB 3.0 male A	31100	31101	USB 3.0 female A	31112	31113



USB 3.1 / 3.0



USB 3.1 / 3.0 M.2 SSD Enclosure

- Aluminum enclosure for M.2 SSDs (size: ~ 9.8x3.3x1cm)
- USB 3.1 Gen 1 / 3.0 SuperSpeed (5Gbit/s) interface
- Supports SATA 6Gbit/s
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43126

USB 3.1 / 3.0 mSATA SSD Enclosure

- Aluminum enclosure for mSATA SSDs (size: ~7.2x4x1cm)
- USB 3.0 SuperSpeed (5Gbit/s)
- Supports SATA 6Gbit/s
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43117

USB 3.1 / 3.0 & eSATA Enclosure 2.5"

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1 / 3.0 & eSATA interface
- Dual power cable USB 3.1 Gen 1 / 3.0 and USB 2.0 to A / Micro-B and eSATA cable

43166

USB 3.1 / 3.0



USB 3.1 / 3.0 & FireWire 800 Enclosure 2.5"

- Aluminum enclosure for 2.5" HDDs and SSDs (up to 12.5mm)
- USB 3.0 and two FireWire 800 ports

43165

USB 3.1 / 3.0 Enclosure 2.5" Classic

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1 / 3.0 SuperSpeed (5Gbit/s) interface
- Dual power cable USB 3.1 Gen 1 / 3.0 and USB 2.0 to A / Micro-B

43115

USB 2.0



Premium USB 2.0 Enclosure 2.5" OTB

- Aluminum enclosure for 2.5" SATA HDD (up to 9.5mm)
- One Touch Backup (OTB)

42671

USB 2.0 Enclosure 2.5" Classic

- Aluminum enclosure for 2.5" SATA HDD and SSDs (up to 9.5mm)
- USB 2.0 (480Mbit/s)

42673

USB 3.1 / 3.0



USB 3.1 / 3.0 & eSATA Enclosure 3.5"

- Aluminum enclosure for 3.5" SATA HDD
- USB 3.1 Gen 1 / 3.0 and eSATA interface
- Power supply with Euro plug
- USB 3.1 Gen 1 / 3.0 cable A / B and eSATA cable

43107

USB 3.1 / 3.0 Enclosure 3.5"

- Aluminum enclosure for 3.5" SATA HDDs
- USB 3.1 Gen 1 / 3.0 (5Gbit/s) interface
- Support SATA 6Gbit/s
- USB 3.1 Gen 1 / 3.0 cable A / B

43109

USB 2.0



USB 2.0 Enclosure 3.5" IDE & SATA

- Aluminum enclosure for 3.5" IDE or SATA HDDs
- Built-in power switch
- Incl. power supply & cable

42706

USB 2.0 Enclosure 3.5"

- Aluminum enclosure for 3.5" SATA HDDs
- USB 2.0 (480Mbit/s) interface

42901



USB 2.0 & eSATA & FireWire 400/800
5.25" Enclosure

- Enclosure for SATA or IDE/Atapi CD/DVD/BD drives/recorders
- Uses USB/FireWire or eSATA interface

42931



USB 3.1/3.0 SATA/IDE 5.25" ODD

- Enclosure for optical 5.25" drives, e.g. CD/DVD/Blu-ray
- USB 3.1 Gen 1 / 3.0 cable A / B

43138

Quad Drive Enclosure for 4 HDDs



SAS/SATA Multilane SFF-8470

- External desktop hard drive enclosure with high speed SAS / Infiniband / SATA Multilane SFF-8470 x4 interface - the fastest interface for external hard drives with up to 4x 3 Gbit/s
- For four modern 3.5"/2.5" SATA HDDs
- Fast and convenient disk storage extension for your workstation

42827



USB 3.1 / 3.0 & eSATA

- External desktop hard drive enclosure with SuperSpeed USB 3.0/2.0 and eSATA interface
- For four modern 3.5"/2.5" SATA HDDs
- Connection via a single USB 3.0 or eSATA cable
- Each drive installs as an individual drive/volume on your computer

43124

USB 3.1 / 3.0 Dual 2.5" Mobile RAID



- Small stand alone RAID solution
- USB 3.1 Gen 1 / 3.0 SuperSpeed Interface, supports 6Gbit/s
- Suitable for 2.5" SATA HDD (up to 9.5mm)
- Tool free drive installation
- Setting via DIP switch: RAID0/RAID1/JBOD/Non-RAID
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

USB 3.0

43125

USB 2.0 Data Dock



42979

42976:

- Dock for installation into 3.5" PC bay
- Incl. 3 mobile data trays:
 - 2.5" USB super slim HDD enclosure IDE
 - 4 port USB hub super slim housing
 - 4 slot card reader (MS,SD/MMC, MS, SM/xD)

42979:

- 2.5" USB HDD enclosure IDE/ATA, black stainless steel

42976
stainless steel/gray silver

42976

42979

USB SATA Docking & Clone Stations



USB 3.1 / 3.0 Docking & Clone Station Premium

- Twice as fast cloning (bit to bit copying) compared to conventional Clone Stations
- Additional features in Windows:
 - Already installed HDDs can be cloned
 - Partitions can be adjusted, allows larger HDDs to be cloned to smaller HDDs / SSDs
 - "FlashCopy" allows twice as fast cloning even with USB 2.0
 - "DiskErase" permanently deletes all data
- USB 3.1 Gen 1 / 3.0 cable A / B



USB 3.1 / 3.0 Docking & Clone Station Basic

- Directly plug in 2.5"/3.5" hard drives with 22 pin SATA interface, micro SATA supported via adapter 33500
- SATA ports easily accessible (e.g. when using adapters)
- Hard drive 1:1 bitwise clone to another hard drive
- Also supports Advanced Format HDD and larger than 2TB HDD
- Incl. multi-country power supply and USB cable



USB 3.1 / 3.0 / eSATA Docking & Clone Station Basic

- Directly plug in 2.5"/3.5" hard drives with 22 pin SATA interface, micro SATA supported via 33500
- Hard drive 1:1 bitwise clone to 3 other hard drive
- Also supports Advanced Format HDD and larger than 2TB HDD
- Incl. multi-country power supply and USB cable

43116

43113

43114



USB 2.0 & eSATA Docking & Clone Station for 2 SATA HDDs

- Connect HDDs easily to your computer without the need to install into case or enclosure, computer connection via USB 2.0 or high speed eSATA
- Directly plug in 2.5"/3.5" hard disks with 22 pin SATA interface, micro SATA supported via adapter 33500
- Supports 3.3V Devices up to 1.2A power consumption
- Incl. power supply and USB cable



USB 2.0 HDD Docking Station

- For 2.5" or 3.5" SATA hard drives with standard 22 pin connector
- Incl. power supply and USB cable



42797

42736

USB Clone and Drive Adapter



USB 3.1 / 3.0 Clone Adapter

- Stand alone clone function
- Power supply and cables included
- For 2 SATA HDDs



USB 2.0 USB & eSATA Clone Adapter

- Stand alone clone function
- Power supply and cables included
- Operating systems: Windows, Linux, Mac OS X



USB 3.0 SATA 6Gb/s Drive Adapter

- Supports 2.5"/3.5" SATA hard drives and 5.25" ODD with data transfer rates up to 6Gbit/s
- Incl. power supply

43160

42618

43119

USB 3.1 ADAPTER MAXIMUM SPEED

The new standards USB 3.1 Gen 1 and Gen 2 push back the boundaries of what is possible in terms of transfer rate and speed. Net data transmission rates of nearly 10 Gbit/s via a serial cable were completely unthinkable a few years ago. This means host adapters, devices, and cables must meet the new requirements including peripherals such as adapters, connectors, and converters.

For this reason LINDY offers a wide range of USB adapters, hubs, extender devices and converters that meet the specifications of the new USB standards. Whether you want to connect two USB 2.0 or 3.0 cables with each other or a notebook via USB to a docking station, or whether you want to use an M.2 SSD via USB 3.1 or connect a display via USB 3.1 Gen 2 to a Type-C connector - LINDY has the right accessory for every requirement.



USB Adapter for SATA Drives



USB 3.1 / 3.0 M.2 SSD Adapter

External connection for M.2 SSDs

- to a computer via USB 3.1 Gen 1 / 3.0 or
- to a Tablet/Smartphone with OTG/USB host function
USB 2.0 Micro-B adapter
- Supports SATA 6Gb/s

43127



USB 3.0 SATA Adapter with 2.5" HDD Storage Case

- Black HDD box, stackable
- USB 3.0 to SATA adapter with additional USB A connector for power

43110



USB 2.0 SATA & IDE Drive Adapter

- For SATA as well as for IDE/ATA drives
- For 2.5" notebook HDDs, 3.5" hard drives and CD/DVD/BD recorders
- USB dual power cable to power 2.5" HDDs
- Adapter cables and power supply included

42868

IDE/SATA 2.5" Adapter/Enclosure



mSATA to IDE/SATA 2.5" Adapter

- Adapter frame with 2.5" IDE/SATA HDD format



mSATA to SATA 2.5" Adapter Enclosure

- 7mm height, suitable for Ultrabooks
- As external enclosure when used with adapter 43119

20933



Micro SATA to SATA 2.5" Enclosure

- Use micro SATA SSDs or 1.8" HDDs on notebooks or docking stations (also without 3.3V) via standard SATA connector
- Height: 9.5mm

20932



m.2 NGFF to SATA Adapter with 2.5" Adapter frame

- Adapter for m.2 NGFF (Next Generation Form Factor) Install SSDs into a 2.5" SATA frame
- 7mm height, suitable for Ultrabooks

20934

Adapter Frame SATA 7 mm 20959

Adapter Frame SATA 9.5 mm 20972

Adapter Frame IDE 7 mm 20937



mSATA & M.2 to SATA 2.5" Adapter

- Height: 9,5mm
- For mSATA or M.2 SSDs
- Can be combined with 43119 as external drive

20939

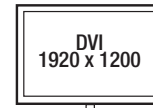
ACCESSORIES FOR SATA DOCKING STATIONS & DRIVE ADAPTERS, SEE PAGE 252 & 254

... latest products at lindy.com

USB 3.1 / 3.0 Notebook Docking Station HDMI/DVI



LEARN MORE
→ 158



front & rear



USB 3.1 / 3.0 Notebook Docking Station HDMI/VGA/Ethernet

Connect peripheral devices via USB:

- USB 3.1 Gen 1 / 3.0 Port
- 1 RJ45 Gigabit Ethernet port
- HDMI connector (1920x1200 or Full HD 1080p)
- VGA connector for resolutions up to 2048 x 1152
- Compatible with Windows & Mac OS

USB 3.1 / 3.0 Notebook Docking Station HDMI/DVI

Connect peripheral devices via USB:

- For 2 monitors or monitor and HDTV at the same time:
 - HDMI connector (1920x1200 or Full HD 1080p)
 - DVI connector (1920x1200) or VGA (via adapter)
- 2 USB 3.1 Gen 1 / 3.0 Ports & 4 USB 2.0 Ports
- 1 RJ45 Gigabit Ethernet port
- 3.5mm stereo audio out & in
- Compatible with Windows & Mac OS
- VGA compatible (adapter not included)

43181

43180



MORE HDMI PRODUCTS
IN CHAPTER SOUND & VISION,
PAGE 39-41 AND IN
KVM CHAPTER, PAGE 83

... latest products at LINDY.com

USB 2.0 Mini Docking Station



- USB 2.0 Hi-Speed hub, 2 ports
- 1x serial RS232 port
- 1x parallel bi-directional printer port

42806

DISPLAYPORT ADAPTER EXTENDED DISPLAY

Modern displays are constantly increasing their resolutions: HD, 1600p, 4K, 5K, 8K. What comes next? But unfortunately notebook displays and graphics cards do not keep up with this growth automatically. What to do if you want to view high-resolution videos or images with pixel accuracy?

This is where our USB of graphics cards come into play! These external graphics cards feed their signal through USB 2.0 or 3.0 and can easily handle common resolutions. Our USB 3.0 4K DisplayPort Adapter even supports a 4k resolution at 30Hz. This enables you to view video and graphic content with larger resolutions on the appropriate display - even if the internal graphics card of your notebook does not support the resolution on the external video port. You can even use six adapters on one computer to get an extended desktop. Or you can use a TV with HDMI input to watch a video from the Internet in high resolution.



USB GRAPHIC CARDS

These USB graphic cards allow you to connect additional monitors to your notebook or PC/Mac. Up to 6 of these USB devices can be connected to a single computer. These devices also allow you to send resolutions via HDMI to your TV device, which are not usually supported by your internal graphic card.

USB VGA / DVI / HDMI Converters



USB 3.1 / 3.0 4K DisplayPort Adapter

- Supports resolutions up to 3840x2160@30Hz
- Supports audio transmission via DisplayPort
- DisplayLink technology
- USB 3.1 Gen 1 / 3.0 Standard

43174



USB 3.1 / 3.0 4K HDMI Adapter

- Supports resolutions up to 3840x2160@30Hz
- DisplayLink technology
- USB 3.1 Gen 1 / 3.0 Standard



USB 3.1 / 3.0 HDMI Adapter

- Supports resolutions up to 1920x1200, Full HD 1080p
- PC & Mac compatible
- DisplayLink technology

43173



USB 3.1 / 3.0 VGA Adapter

- Requires an Intel i series 3rd Generation (or higher) processor or AMD CPUs with integrated USB 3.0 controller
- Supports resolutions up to 1200p

43172



USB 2.0 DVI Adapter Pro

- Supports DVI-D resolutions up to 1920x1200
- Also supports VGA displays, VGA adapter included
- PC and Mac compatible
- DisplayLink technology

42728



USB 2.0 VGA Adapter

- Supports VGA resolutions up to 1920x1080
- PC and Mac compatible
- DisplayLink technology

42744

DVI/HDMI & KVM EXTENDER VIA GIGABIT ETHERNET, PAGE 99



... latest products at lindy.com



NEW

Micro USB Serial RS232 Converter for Android

- Connects serial RS232 devices with Android tablets and smartphones
- Delivers power to the mobile device via USB A connector with USB power supply or power bank

42881



USB RS232 Converter D9/25

- Connect serial RS232 devices via a single USB port
- 42811: 1x D9 M
- 42812: 1x D25 M

1x D9 M
1x D25 M



USB 2.0 Mini Docking Station

- USB 2.0 Hi-Speed hub, 2 ports
- 1x serial RS232 port
- 1x parallel bi-directional printer port

42806



USB RS232 Converter Lite

- Connect serial RS232 devices via a single USB port
- 1x D9 M

42855



USB RS232 Converter w/ COM retention

- Connect serial RS232 devices via a single USB port
- Can switch between USB ports and retain settings
- 1x D9 M

42686



USB RS232 Converter 2 Port

- Connect serial RS232 devices via a single USB port
- 2x D9 M

42889



front & rear

USB RS232 Converter 4 Port

- Connect serial RS232 devices via a single USB port
- 4x D9 M

42858



NEW

USB RS232 Converter 8 Port

- Connect serial RS232 devices via a single USB port
- 8x D9 M

42894



USB RS232 Converter Basic 4 Port

- Connect serial RS232 devices via a single USB port
- 4x D9 M

42690



USB RS422 Converter

- For industrial use
- Combines electronic POS devices such as barcode scanners, industrial monitoring and control systems with the USB interface
- RS422 connector (D9 M)

42844



USB RS485 Converter

- For industrial use
- Combines electronic POS devices such as barcode scanners, industrial monitoring and control systems with the USB interface
- RS422 connector (D9 M)

42845

USB Serial & Parallel Converters



USB Parallel Converter

- Connectors: USB Type A, 36 pin centronics
- Premium model with improved reliability and compatibility

42813



USB Parallel Converter Lite

- Connectors: USB Type A and 36 pin centronics

42864



USB Parallel Converter D25

- For connecting printer devices with D25 port

42882



USB Parallel Mini Centronics

- Connectors: USB Type A and 36 pin mini centronics

42752



USB Serial & Parallel Converter

- Connect serial and parallel devices via a single USB port
- 1x RS232 connector (D9 M)
- 1x Parallel connector (D25 F)

42838

USB PS/2 Adapter



- Connections:
 - 2x Mini DIN 6 pin socket,
 - 1x USB type A connector
- Can also be used to connect a USB computer to a PS/2 KVM switch

42866

USB WiFi Adapter



- 52054:
 - WiFi 802.11ac up to 433Mbit/s
 - Dualband 2.4 GHz/5GHz
- 52059:
 - WiFi 802.11n/g/b up to 150Mbit/s

WiFi 802.11 ac	52054
WiFi 802.11n/g/b	52059

USB Bluetooth & WiFi Adapter



- 52213: USB Bluetooth version 3.0 + Hi-speed Bluetooth up to 3Mbit/s, in BT high speed mode up to 24Mbit/s and in WiFi 11n mode up to 150Mbit/s
- 52214: BT V4.0 Low Energy IVT 7.0

BT 3.0 HS + WiFi, 10m	52213
BT Dongle, 15m	52214

USB Infrared Adapter



- Compatible with IrDA 1.0 & 1.1
- Supports SIR, MIR, FIR
- Data rates up to 4 Mbit/s
- With 1m USB cable

42888

USB Ethernet Adapter



USB 3.1 / 3.0 Dual Gigabit Ethernet Adapter

- Gigabit or Fast Ethernet network connection via two RJ45 interfaces
- Network access the cascaded computer without USB connectivity -
- Power is supplied via USB Micro-B port
- USB 3.1 Gen 1 / 3.0 Standard

43123



USB 3.1 / 3.0 Gigabit Ethernet Adapter

- Compatible with IEEE 802.3, 802.3u, 802.3ab (10BASE-T, 100BASE-TX, 1000BASE-T)
- USB 3.1 Gen 1 / 3.0 Standard

43120



USB 2.0 Ethernet Adapter 10/100

- Fast Ethernet connection
- Compatible with IEEE 802.3u, 10/100Base-T/-TX
- Supports full and half duplex

42922



USB 2.0 Micro-B Ethernet Adapter 10/100

- Fast Ethernet connection
- Compatible with IEEE802.3u, 10/100Base-T/-TX
- Supports full and half duplex
- USB Micro-B connector for Ultrabooks, netbooks and tablets

42948

USB 2.0 / 3.0 KVM Data Transfer Cable



USB 3.0 Data Transfer & KVM Cable PC

- Work with 2 Windows PC using a single monitor, keyboard and mouse
- Quick transfer of data, pictures and videos between two computers via USB 3.0 (up to 5Gbit/s) via drag and drop or copy and paste
- Touchscreen support for Windows 8

42624



USB 2.0 Data Transfer & KVM cable PC & Android

- Android OS video mirroring to Windows PC
- KM control of android device via PC keyboard and mouse
- Text transfer (copy/cut/paste) between PC & smartphone/tablet

42613

USB 5kV Isolation Adapter



- Enables galvanic separation of two USB devices
- USB Standard 1.1, USB 2.0 compatible, max. data rate 12Mbit/s
- Insulation voltage 5kV

42719

USB Power Meter



- Measures power consumption with voltage and ampere display
- 3 digit LED display
- Max power output: 5 V / 5 A

43010

USB Port Blocker



key



USB locks

- Physically blocks access to a USB port
- Quick and easy to use
- 5 different keys available, color coded
- Version A: 1 key & 4 locks
Version B: 10 locks without key

	Pink	Green	Blue	Orange	White
Version A	40 450	40 451	40 452	40 453	40 454
Version B	40 460	40 461	40 462	40 463	40 464

USB Audio Adapter & Cable



USB 2.0 Audio Adapter

- Additional audio ports for your computer
- Stereo line output for headphones and speakers
- Mic input with mute key

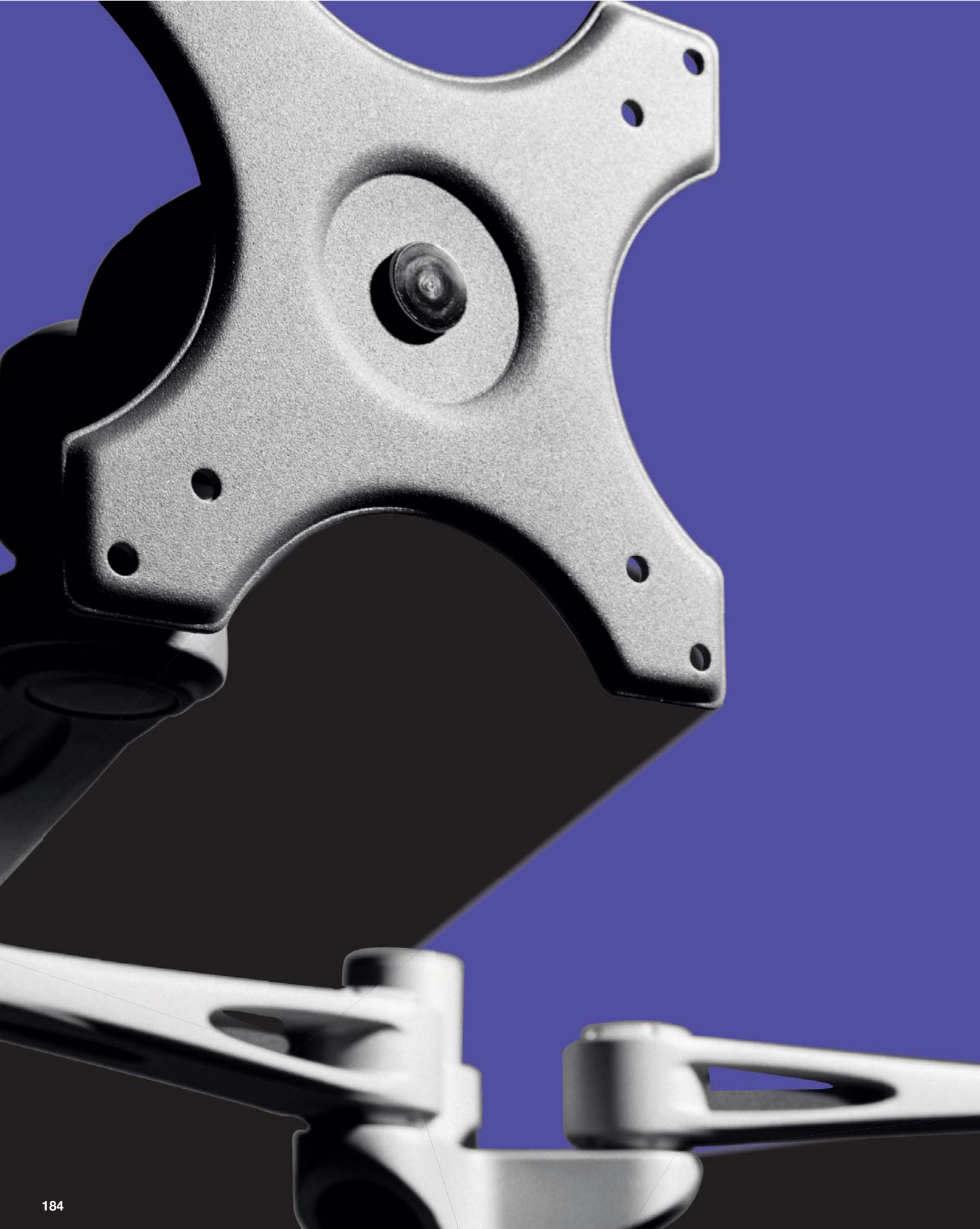
42961



USB Audio Cable with 6.3mm jack

- Instrument cable for recording directly into the computer via USB
- Connectors: 6.3mm mono jack
- Signal gain: 22dB

06104



PERIPHERALS & ACCESSORIES EQUIPMENT

PRODUCTS IN USE	166
CHARGING STATION & MOBILE ADAPTERS	188
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USB & RJ-45 PORT BLOCKERS

QUICK AND EASY PROTECTION

REQUIREMENTS: In this age of global networks, data and virus protection are big issues for any company or educational institution. Hacker attacks are a day-to-day occurrence. Attempts to infiltrate company or campus networks are made all the time over the Internet in order to steal sensitive data. Firewalls, virus scanners and email protection are now highly developed and are able to discover the latest viruses and Trojans and effectively neutralise them.

However, often, when protecting sensitive data, in-house risks are not taken into account which involve employees or students using mobile or external storage devices connected to company or campus networks or internal PCs. There is no limit to their resourcefulness. A connection to a workstation PC can be made quickly from an Ultrabook connected to the network from where sensitive data was earlier copied from the company server. It is even quicker to copy this data to a USB thumb drive connected directly to the workstation. These days, such USB thumb drives come in tiny sizes – and offer a considerable storage capacity. Whether intentionally or otherwise, malware can infect the network. The resulting damage can be enormous.

SOLUTIONS: The simplest and most effective way to prevent such data theft and malware imports is to go directly after the cause and prevent any external devices from being connected to the network. As a security solution, LINDY port blockers are used at two of the most vulnerable points of the network: the network connections themselves and the USB ports of the PCs in the network.

They can be plugged into the network ports quickly and easily making it impossible to connect a device to the network let alone an external memory device to the workstation. The RJ-45 port blockers are simply inserted into the network port until they engage. A special key is required to release them, and only administrators have access. The key is available in a set of 10 locks. Additional locks are available in packs of 20. Publicly accessible network ports - which by design are a security risk - can easily be sealed off.

For the USB port locks, the lock is clamped onto the USB port and can be removed again with a key. This also prevents the ports from being blocked by a third-party device. There are 5 keys with different colors so that certain groups - e.g., teachers from specific departments - which sometimes need USB access to certain PCs can access these computers. The keys of a certain color can only open locks of the same color. It can be ensured that each group only has USB access to computers for which they have authorisation.

USB PORT BLOCKER

HOW IT WORKS



1 INSERT THE KEY TO THE LOCK AND MOVE THE LATCH FORWARDS TO LOCK



2 INSERT THE BLOCKER INTO THE PORT



3 MOVE THE LATCH TO THE REAR TO RELEASE THE LOCK THEN REMOVE THE KEY



4 THE LOCK REMAINS IN THE PORT. TO UNLOCK, INSERT THE KEY AGAIN

RJ45 PORT BLOCKER HOW IT WORKS



1 INSERT A LOCK TO THE KEY



2 MOVE THE LOCK INTO THE PORT USING THE KEY



3 REMOVE THE KEY TO SEAL THE PORT



4 TO UNLOCK THE KEY, INSERT AND REMOVE THE KEY FROM THE LOCK AGAIN



AREA OF APPLICATION:

Medium-sized and large firms with extensive IT infrastructure, educational establishments, public devices, companies with highly-sensitive data such as in doctor's clinic, solicitor's offices, etc.

USB PORT BLOCKER

Package contents includes 1 key with 4 locks and is available in 5 different colors. Each key only works with the lock of the same color.

→ Page 198, No. 40450–40454



RED: 40450 GREEN: 40451 BLUE: 40452 ORANGE: 40453 WHITE: 40454



Additionally you can order 10 locks without keys, also available in 5 different colors. Each key only works with the lock of the same color.

→ Page 198, No. 40460–40464

RJ45 PORT BLOCKER

Package contents includes 1 key with 10 locks and is available in 4 different colors. Please note that this lock should only be removed using the suitable tools.

→ Page 198, No. 40470, 40472, 40480, 40482



GREY: 40470 GREEN: 40472 ORANGE: 40480 YELLOW: 40482



Additionally you can order 20 locks without keys, also available in 4 different colors. Each key only works with the lock of the same color.

→ Page 198, No. 40471, 40473, 40481, 40483

DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

+44 1642 754 020
TECH@LINDY.COM

4 Port USB Power Supply - Fast Charging



- For charging mobile phones, iPhones/iPods/iPads, audio equipment, etc. – for worldwide use
- 4 USB A female for connecting your devices
- 100 - 240 V AC/5 V DC, ~5A max. combined
- Includes 4 different plug adapters for Euro, UK, USA, China/Australia

73323

10 Tablet Charging/Sync Station



- Securely charge up to 10 tablets simultaneously
- Sync up to 10 iPads while they are charging
- Daisy chain up to 3 stations to sync up to 30 iPads at the same time
- Slide-in lockable door

73397

USB Power Meter



- Measures power consumption with voltage and ampere display
- 3 digit LED display

43010

USB Car Charger



- 5V DC Charging adapter Cigarette lighter 12-24V
- Output: 5V DC regulated
- Charging current: USB port outer 1 x 1A, USB port center 1 x 2.1A

73334

USB Power Supply / Charger



- Small and compact - for fast charging of mobile phones, iPhone / iPod / iPad, etc.
- Input voltage: 100 - 240V
- Output voltage: 5V / 1.2A (73350) or 5V / 2x1A (73355)

USB Power Supply Euro – Charger, 5V / 1.2A 73350

USB Power Supply – Charger, 5V / 2x 1A 73355

Smartphone Dual Charger & Sync Cable



- USB cable for simultaneous charging of 2 smartphones/mobile phones with USB Micro-B port
- Black Micro-B plug: charging & sync
- Red Micro-B plug: only charging
- Cable length ~ 1.5 m

31661

Qi Inductive Wireless Charging



- Wireless charging of your smartphone or tablet with Qi specification
- If your smartphone/tablet is not Qi-compliant, you can use one of our wireless charging Qi-adapters. New models available online!
- **73385:** Supplied with multi-country power adapter (5VDC, 1.5A) to use with the power supply of your smartphone
- **73224:** Use with power supply of your smartphone and USB A / B micro cable

Qi Wireless Charging Pad (rectangular) with power supply 73385

Qi Wireless Charging Pad (round) with USB A/Micro-B cable **NEW** 73224

Samsung Galaxy S4 adapter 73387

Samsung Galaxy S5 adapter 73361

Samsung Galaxy Note 2 adapter 73388

Samsung Galaxy Note 3 adapter 73389

Samsung Galaxy Note 4 adapter **NEW** 73325

AV Cable (Composite Video)



Movies, pictures & music can be played on devices with composite video/audio connectors.

Made for iPod iPhone iPad

73349

Microphone Adapter for Smartphone, iPad, iPhone, etc.



Turns standard headphones into a complete headset with mic & volume control

35521

USB 2.0 OTG Hub & Card Reader



- Compatible with tablets and smartphones, that have OTG/USB host function
- 3 port USB hub & card reader with SD and microSD slots
- Connectors: USB Micro-B male

42626

Lightning to USB Cable



- Charge & Sync cable for iPhone, iPad & iPod

Made for iPod iPhone iPad

	0.5m	1m	2m	3m
Premium	31349	31350	31352	31353
CROMO	-	41575	-	-
Retractable	-	31620	-	-

31620

USB Charge & Sync Cable for iPad



- Allows data sync and charging via USB
- Includes slide switch for switching between sync and charging
- Use with original cable
- Length: ~ 1.2m

73335

USB 2.0 OTG 4 Port Hub



- Compatible with tablets and smartphones, that have OTG/USB host function
- USB A to Micro-B adapter is required when connecting to computers, e.g. 71236
- USB bus powered; with optional psu connector (e.g. 73823)

42627

USB to Micro-B & Lightning Cable



- Charge & Sync cable for mobile devices
- USB A male to USB Micro-B and Lightning male

Made for iPod iPhone iPad

31345

Lightning to Micro USB Adapter



- Lightning male / USB Micro-B female
- Compatible with: iPhone, iPad and iPod with Lightning interface
- Charge, sync or data transfer

Made for iPod iPhone iPad

41076

USB 2.0 OTG & PC Card Reader



- SD and microSD card slots
- USB A male for PC connection
- USB Micro-B male for tablets and smartphones with card reader support

42625

USB 3.1 Type C Notebook Hub



- USB 3.1 Type C male
- 4 Ports USB 3.1 Gen 1, USB bus powered

43154

USB 3.1 Type C Monitor Adapter



- USB 3.1 Type C male
- Support for USB 3.1 DP Alternate Mode required

VGA	43190
DVI-D	43191
HDMI	43192

Micro USB Serial RS232 Converter for Android



- USB Micro B male & USB A male (for power) to D 9 male serial port

42881

Headset Adapter Cable



Smartphone adapter 4 Segment
M / 2x 3.5 F, white

Headset adapter 4 Segment
F / 2x 3.5 M, white

Smartphone adapter 4 Segment
M / 2x 3.5 F, black

Headset adapter 4 Segment
F / 2x 3.5 M, black

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- iPhone, iPad, iPod, HTC, Lenovo Notebook, ...

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- iPhone, iPad, iPod, HTC, Lenovo Notebook, ...

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- PC, Notebook, Samsung, Nokia, ...

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- For old Samsung, Nokia, etc. headsets to PC or Notebook

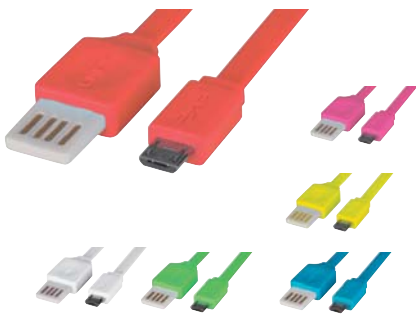
35523

35518

35509

35508

USB 2.0 Reversible Flat Cable



- Male A / Micro-B
- Male A reversible, flat cable, extremely flexible, shielded
- Material : TPE

	0.5m	1m	2m
blue	30920	30921	30922
green	30915	30916	30917
yellow	30905	30906	30907
orange	30895	30896	30897
pink	30900	30901	30902
white	30910	30911	30912

USB Spiral Cable



- Male A / Micro-B
- Molded connector

	1.6m
blue	30929
green	30928
yellow	30926
orange	30924
pink	30925
white	30927

USB 2.0 Flat Lightning



- Reversible: USB A connector can be plugged in any direction
- Flat cable, extremely flexible, shielded
- Material : TPE, PVC free

	1m
blue	31391
green	31392
yellow	31393
orange	31394
pink	31395
black	31390

USB 2.0 Micro Cable OTG



For smartphones, tablets etc. Most smartphones use Micro-B. Please refer to your device's user manual.

	0.5m	1m
A female / Micro-B male	31935	31936
A female / Micro-A male	31945	31956

USB 3.0 Micro Cable OTG



- For smartphones, tablets etc.
- Connector with red strain relief
- Molded, double shielded

	0.5m
Micro-B male / A female & charging A male	31612
Micro-B male / A female	31613

USB 2.0 CROMO SLIM Cable

- A male / Micro-B male



	1m	2m
	41690	41691

USB Bluetooth 3.0 HS + WLAN Combo Adapter



- USB Bluetooth Version 3.0 + high speed
- Bluetooth HighSpeed mode up to 24Mbit/s, WLAN 11n mode up to 150Mbit/s

52213

USB Bluetooth 4.0 Dongle



- Bluetooth V4.0 Class 2
- Supports BT Low Energy

52214

Capacitive Touchscreen Stylus



- Stylus with two different tips
- Soft 6mm rubber tip for capacitive (touch-sensitive) touchscreen
- Hard 3.5mm rubber tip, especially suitable for Samsung Galaxy S3, S4 (GT-I9500) and S5

40259

Aluminum Stand for iPad/Tablet



- Use your iPad as picture frame or digital presentation system!
- 360° rotating view
- Rubberized corners for secure fit
- Suitable for iPad 1, 2, 3 and tablet of the same size ~ 20.4 x 25.6cm

54002

CROMO® IEM-75 Dual Driver Earphones



- Dual Dynamic Driver Earphones
- Exchangeable ear tips
- Designed for optimum comfort and performance
- With carry bag and 3 pairs of super soft ear tips (size: S/M/L)

20381

IEM-50X Hi-Fi In-Ear Headphones with Dynamic Bass Tuning



- 3.5mm 4 segment jack
- Bass setting via control dial

20396

Tablet and Smartphone Stand Silicon



- For tablets & smartphones up to ~ 11"
- Silicon rubber, dirt repellent
- Diameter ~ 10 cm
- Angled 75 degrees or 18 degrees

Black

54005

White

54006

Earphones



Earphones, with 2.5mm jack

- For devices with 2.5mm headphone output

19002



Universal Earphones, 2.5mm jack with 3.5mm adapter

- For devices with 2.5/3.5mm headphone output

19003



HDMI TO VGA & AUDIO CONVERTER CHANGEABLE

HDMI has become the de facto standard in graphics output. High resolutions, 3D and 4K are just the beginning - the development is advancing rapidly. But sometimes it is not possible or needed to purchase new hardware in order to keep pace with every new development. Some older VGA displays still perform without issues, but modern graphics cards no longer have the connections these displays require. Should you throw away the display just because you replace graphics card?

Our HDMI to VGA & Audio Converter provides an economical, reliable alternative. It simply converts digital HDMI to analog VGA signals and extracts the audio signal to an analog port. This is cost-efficient and resource-friendly as it eliminates the need to replace all peripheral devices with every new development.

HDMI or DVI-D to VGA Adapter, active

- Converts digital HDMI / DVI-D to analog VGA signals
- For Ultrabooks etc.



HDMI A male to VGA female

38191



Mini-HDMI C male to VGA female

38192



Micro-HDMI D male to VGA female

38193



HDMI Type A to VGA adapter (plug adapter)

38194



DVI-D male to VGA female

38189

HDMI to VGA & Audio Adapter, active

- Supports up to 1080p - no HDCP support
- Power supplied via HDMI or via micro USB



HDMI A male to VGA & Audio female

38185



Mini-HDMI C male to VGA & Audio female

38186



Micro-HDMI D male to VGA & Audio female

38187

MHL to HDMI Adapter, active

- For MHL compatible smartphones and HDMI devices without integrated MHL function



MHL Micro-B 5 pin to HDMI, active

41561



MHL 2.0 Micro-B 11 pin, active

41562



MHL 3.0 Micro-B 11 pin, active

41563

USB Micro-B adapter



USB Micro-B 5 to 11 pin adapter

41570

Slim Port to HDMI Adapter, active, 0.15m

- SlimPort/MyDP male to HDMI 19 pin Type A female
- Additional USB 2.0 Micro-B female for charging



41571

Passive MHL Cable

- HDMI Type A male / USB Micro-B male
- For MHL compatible smartphones and HDMI devices with integrated MHL



0.5m 1m 2m
41565 41566 41567

Wireless KM Switch USB (without monitor)



32163



32164

- Wirelessly control keyboard and mouse signals
- Systems supported by transmitter (TX): Windows, Mac OS X
- Systems supported by receiver (RX): Linux, set-top box, IPTV, PS3, XBOX, tablets & smartphones (Android & Windows) with USB ports, and all systems with USB HID support

Wireless KM Switch USB, 2 port (TX & RX)	32163
Wireless KM Switch USB, 2 port expansion (2x RX)	32164
Adapter cable USB A female - Micro-B male	31935

USB Smart Data Transfer & KVM Cable

- Picture in Picture (PIP) function
- Affordable solution for controlling two PCs using one keyboard and mouse
- Sync files to another computer by "Drag & Drop"



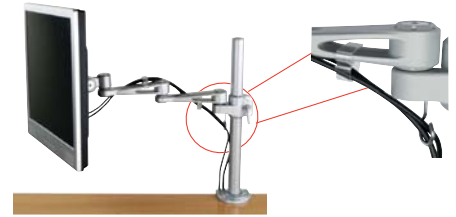
42613

Modular Desktop Mounting System, silver gray or black

For use in conjunction with the brackets and arms of our Modular Desktop Mounting System range. Create a customized installation.



40694



40692 with 40696



40693



40962



40694



40692 with 40695



40692 with 40696 and 40699



40692 with 40697

45cm Desk Clamp Pole (ø 35mm) with clamping bracket	40692
45cm Desk Clamp Pole (ø 35mm) with hole mounting	40962
70cm Desk Clamp Pole (ø 35mm) with clamping bracket	40693
70cm Desk Clamp Pole (ø 35mm) with hole mounting	40963

LCD Bracket short	40695
Adjustable LCD Arm long	40696
Dual Adjustable LCD Arms	40697
Dual Adjustable LCD Arms back to back	40694
Modular Notebook Arm	40699



40950



40952



40951



40953



40954



40955



40959



40956



40957



40958

70cm Desk Clamp Pole (ø 28mm) with clamping bracket	40950
70cm Desk Clamp Pole (ø 28mm) with hole mounting	40951
40cm Desk Clamp Pole (ø 28mm) with clamping bracket	40952
40cm Desk Clamp Pole (ø 28mm) with hole mounting	40953
Modular Notebook Arm	40954

Modular monitor Arm, short	40955
Modular monitor Arm for 3 monitors	40956
Modular monitor Arm for 2 monitors	40957
Modular monitor Arm, long	40958
Modular monitor Arm for 2 monitors, long	40959

Display & TV Wall Mounted Brackets



Wall mount, small

- Firm wall bracket, removable
- For monitors up to 20 kg
- VESA standard: 75/100mm

40870



Wall bracket, swivel & tilt

- For monitors up to 15 kg
- VESA standard: 50/75/100mm

40875



Wall bracket, flexible

- For monitors up to 15 kg
- Swivel/tilt/removable, rotatable by 360° (horizontal)
- VESA standard: 75/100mm

40876



LCD wall bracket, flexible

- For monitors up to 10 kg
- 3 joints, max. wall distance 41cm
- VESA standard: 75/100mm

40765



Wall bracket, swivel & tilt

- For monitors and TVs up to 35 kg
- VESA standard up to 400 x 400mm

40877



Wall bracket, flat & tiltable

- For monitors and TVs up to 40 kg
- VESA standard up to 600 x 400mm
- Wall distance 3cm

40878

Mobile Plasma & LCD Trolley



40762



40761

Additional shelf for 40762

Load capacity	max. 35 kg	max. 5 kg
Shelf space	40x50cm	40x50cm
Height adjustable	max. 1.60m	max. 1.80m
Adjustable viewing angle	up to 25°	up to 15°
Vesa standard	up to 600x400mm	up to 800x600mm
Weight	27kg	30kg
	40762	40761

Heavy Duty Plasma/LCD Bracket Kit



40843



40844

For displays & TV

- For monitors with a max weight of 50kg
- Monitors distance from ceiling between 67cm and 104cm
- Vesa compatible up to 800x450mm
- Rotatable by 30° left or right
- Adjustable viewing angle up to 25°

For 2 displays & TV

- For assembly of 2 monitors back to back (2x 50kg)
- Monitors distance from ceiling between 67cm and 104cm
- Vesa compatible up to 800x450mm
- Rotatable by 30° left or right
- Adjustable viewing angle up to 25°

40843

40844

Sliding Under Desk PC Holder



- For mounting under the desk
- Adjustable width (16-22cm) and height (34-49cm)
- Additionally extendable up to 14cm, 360° rotatable

40284

Notebook Arm



- Height adjustable up to 26cm, extends outwards up to 57cm
- Platform dimensions: 28.6 x 28.6cm and tiltable up to 30 degrees
- Retractable keyboard holder to store extra keyboard
- Mount directly to your desk (up to 8cm thick)

40732

Mobile PC Stand



- Heavy duty plastic construction with 5 rollers
- Adjustable width from 3cm to 25.5cm

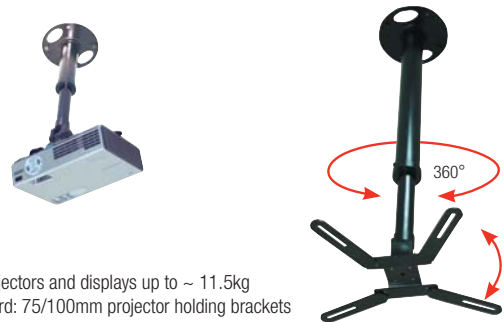
White

40285

Black

40286

Projector & LCD Ceiling Mount



- Supports projectors and displays up to ~ 11.5kg
- VESA Standard: 75/100mm projector holding brackets
- Adjustable length of the bracket: 70, 80, 90, 100 and 110cm

40720

Wall & Ceiling Mount System for Projectors and Monitors



Long projector pole, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Length: 73-123cm

40846



Short projector pole, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Length: 31-41cm

40847



Box Type Projector Bracket, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Width ~ 25cm, length ~ 18-28cm, height ~ 5-12cm

40848

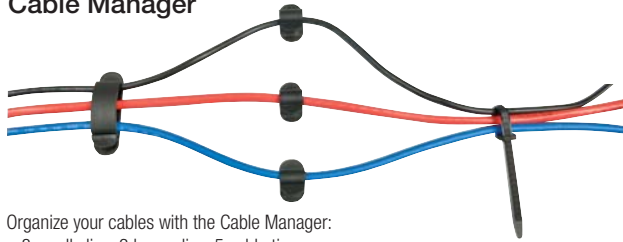


X-Type Vesa Bracket, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design 75 / 100mm, max. Ø 39cm

40849

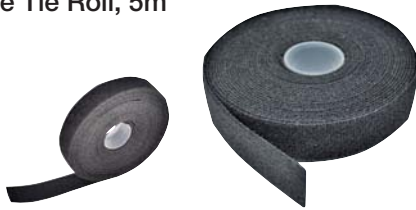
Cable Manager



- Organize your cables with the Cable Manager:
- 8 small clips, 3 large clips, 5 cable ties
- Self-adhesive

40763

Hook & Loop Cable Tie Roll, 5m



- Double-sided Hook & Loop cable tie roll
- Length ~ 5m, width 2cm

40582

Hook & Loop Cable Ties, 10 pcs.



40767 - 40783

40791 - 40798

- Hook and Loop cable ties for secure fixing and tidy bundling of cables in your PC case and network cabinet

	Black	Red	Yellow	Blue	Purple
17.5cm	40767	40768	40769	40775	40783
20cm	40791	-	-	-	-
30cm	40795	40796	40797	40798	-

Spiral Cable Tidy



- Flexible spiral cable
- With practical clip for bundling and insertion of several cables in the spiral hose

2m, Ø ca. 25mm	40575
5m, Ø ca. 25mm	40581

Cable Ties, Bulk



- Material: Polyamid 6.6 (Nylon®)

Cable ties, in 100 pcs.	Transparent	Black
2.5x 100mm	40660	40665
3.6x 250mm	40661	40666
4.8x 160mm	40662	40667
4.8x 250mm	40663	40668
7.2x 350mm	40664	40669

Security Cable



Security Cable (heavy duty)

Security Cable with Combination Lock

Computer Security Kit

- Plastic covered heavy duty steel cable
- Length: ~ 1.6 m, Ø 4.9mm
- 1x or 2x barrel key locks for Kensington security slots

- Plastic covered steel cable, ~ 1.6m, Ø 4mm
- Combination lock to be placed on locking bolt.
- 3 Locking include: 1x Kensington slot, 1x fixed on cable, 1x shiftable on cable

- Transparent plastic covered light weight steel cable
- Length: ~ 2m, Ø 5mm
- 3 adhesive plates to stick on monitor, tower, etc.
- Includes 2 padlocks with 2 keys

20945

20907

20275

Security Screws for PC Cases



- 4 lockable security screws (key included)

40258

Keyboard & Mouse Cable Security Lock



- Cables are run through the clamp secured to your PC and are fixed into place with the security screw, which can only be removed using the supplied key

40262

RJ45 Port Blockers with Key (10 pcs.)



- This RJ45 port blocker plugs securely into the RJ45 port with a special insertion key

	Green	Orange	Yellow	Gray
10 x RJ45 port blockers with key	40472	40480	40482	40470
20 x RJ45 port blockers (without key)	40473	40481	40483	40471

USB Port Blocker



40450 - 40454

- This blocker inserts into the USB port of your computer and prevents from connecting USB devices
- 5 color coded keys available
- Available in 2 versions:
 - 1 & 4 key locks
 - 10 locks without keys



40460 - 40464

	Red	Green	Blue	Orange	White
1 key & 4 locks	40450	40451	40452	40453	40454
10 locks without key	40460	40461	40462	40463	40464

28 LED Flashlight



- 28 LEDs, Lumen: 100lm
- Power via 3 batteries type AAA (not included)

43071

LED Flashlight



- CREE XRE Q5/5W LED flashlight
- 5 Watt High Power LED
- Lumen: 300lm
- Settings: Dimmable, flash & zoom function

43074

LINDY Clean



Wet Wipes, 100 tissues

- Ideal for computers and other office equipment
- Removes pen, ink, glue and much more!

40162



Microfiber Cleaning Cloth, gray

- Ideal for cleaning smartphones, tablets, display screens, computer displays, etc.
- Dimensions: 15cm x 18cm
 - Washing and reusable
 - 100% polyester (microfiber)

40442



Compressed Air Cleaner, 300ml

- Compressed air for cleaning delicate surfaces and inaccessible places; absolutely ozone friendly, contains no CFCs

40430



TFT/LCD Screen Cleaner

- Antistatic pump spray, 250ml
- LCD Screen Cleaner for TFT and LCD screens

40433

Wireless Mouse



- Nano wireless receiver - inserts into mouse
- Up to 10m range
- Requires 2 AAA batteries or rechargeable batteries - not included

20587

Wireless Gesture Touch Mouse



- Touch button spot for gesture control
- Sleek and elegant design
- Up to five different gestures (Supports Windows XP, 7 and 8 and Mac OS)
- Switch between Mac and Windows via switch key
- Includes nano receiver

20900

Optical Maus



- Compact lightweight mouse for precise work!
- 3 button technology & scroll wheel for easy navigation, 800 cpi

20571

Gyro Maus 3D Presenter

Advanced Gyro Air Mouse allows you to operate your computer using 3D gestures in the air, at a range of up to 10m. Thanks to its double axis gyro motion sensing technology you can freely control the mouse cursor on the screen while walking around a room.



- 3 button wireless mouse
- 2.4GHz wireless technology, up to 10m
- Requires 2 AAA batteries or rechargeable batteries -not incl.

20579

Optical Mouse USB & PS/2



- Optical laser sensor with 800, 1200 or 1600dpi resolution
- Resolution adjustable by pressing a button on top of the mouse
- 2 button mouse with scroll wheel suitable for left and right handed
- Includes adapter for PS/2

20586

USB Wireless Presenter



- For presentations
- Keys to control page forward / page back, ESC, 3D function
- USB receiver can be stored in the transmitter
- 2AA batteries, included



32819

Mauspad Professional XXL 45 x 35 cm

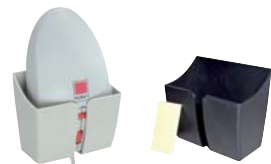


- Fine textured nylon surface for smooth and precise mouse movements
- Extra large and high quality mousepad
- Reserves the space on the desk for the mouse, especially when using multiple monitors

40211

Mouse holder

Helps keep your desk tidy and your computer mouse out of harms way when not in use



- | | |
|-------|-------|
| White | 40171 |
| Black | 40164 |

Mousepad with gel wrist rest

When using this mousepad your wrist rests comfortably on the microfiber covered, gel-filled pad which sculpts to the shape of your wrist for maximum comfort



40216

Input Devices & Accessories



USB Numeric Keypad

- 17 + 2 key layout
- with extra "000" and BACKSPACE key

20878



Gel Keyboard Wrist Rest

- High quality, microfiber fabric covering
- Dimensions: 50 x 9.5cm (WxD)

40213



Wireless Micro Keyboard & Touchpad

- Remote control for laptop, HTPC (Home Theater PC), etc.
- Gesture recognition for fast scrolling (Windows)
- USB Nano receiver, 2.4GHz, up to 10m

German
English

21842
21840

Barcode Scanners



2D & 1D Barcode Scanner, USB

- Scans 2D and 1D Barcodes
- Autoscan function in manual mode or stand mode
- Decoding speed: 100 scans per second resolution 3mil (0.08mm)

20770



USB Laser Barcode Scanner Classic

- Read speed up to 100 scans per second
- Max resolution: 0.1 mm (4mil)
- Read out width: max. 5cm with distance of 6cm

20779



USB CCD Barcode Scanner

- Scan Speed : 200 scans/sec
- Optical System: 1500 Pixel CCD sensor
- Scan width: ~ 80-90 mm
- Resolution : 0.1mm(4mil)

20767



USB CCD Barcode Scanner Pro

- 300 scans per second
- Scan distance up to 20cm
- Scans barcodes up to 11cm wide
- Resolution: 0.1 mm

20789

LINDY USB-PS/2 ADAPTER, 42866 PAGE 181
ALLOWS YOU TO USE YOUR OLD PS/2
BARCODE SCANNER ON ANY USB PORT!

... latest products at LINDY.com



USB to RS-232 Serial Extender CAT5, 70m



- For connecting modern USB equipped PC or Mac to any RS-232 serial equipment over distances of up to 70m
- Consists of transmitter and receiver modules via low cost Cat.5e/6 cable (not included)
- Supports full-duplex transfer
- Data transfer rates up to 230Kbit/s

32157

RS232 Extender Cat.5, max. 250m



- Gives you control of an RS232 enabled device up to distances of 250m.
- Transmitter and Receiver unit, connect via a single Cat.5/6 cable (not included)
- Full-duplex transfer, hardware handshake
- Baud rate of 110 - 921600 Bit/s

32158

RS232 / RS485 / RS422 Converter



- With surge & lightning protection
- Data transfer up to 5km@9.6kbit/s or 300m@115kbit/s
- DCE / DTE selectable
- 4 wire full-duplex, 2 wire half-duplex
- Output: 4-pole terminal
- RS232 Port: 9 pin Sub-D Female
- Point to multi-point transfer

32159

Manual Switch, Parallel & Serial



- 32082: 1:4 D-25
1 PC to 4 peripherals or 4 PCs to 1 peripheral

5 x 25 Pol Sub-D-female (printer, modem or plotter)

32082

RS232 Extender Cat.5, 2000m

- Gives you control of an RS232 enabled device up to distances of 2000m
- Consists of transmitter and receiver unit, connect via a CAT5 (or higher)
- Full duplex transmission; data rates up to 921.6kbit/s (up to 700m), 230kbit/s (up to 1700m) and 115kbit/s (up to 2000m)
- With 15kV and 8kV ESD Isolation/Surge protection
- Suitable for industrial applications



USB RS232

32155

RS232

32156



**MORE RS232/422/485/
USB CONVERTERS ON
PAGE 115**

... latest products at
LINDY.com



**FIND USB SWITCHES
ON PAGE 165**

... latest products at
LINDY.com



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LINDY CABLE LEXICON FOR PERFECT CONNECTIONS

IN ORDER TO MEET THE CONSTANTLY GROWING REQUIREMENTS OF DATA TRANSMISSION RATES AND SIGNAL QUALITY IN WIRED CONNECTIONS, HIGHER QUALITY CABLES ARE NEEDED THAT ARE ABLE TO TRANSMIT HIGH FREQUENCY DATA SIGNALS RELIABLY AND EASILY.

In these times of „wireless“ technologies such as WiFi, Bluetooth, LTE, etc. - the days of wired data transmissions are far from numbered. On the contrary, this technology is now able to show its true strengths for the first time. In terms of speed, security and reliability, this „traditional“ data transmission technology is still without equal. One question that often comes up concern what requirements a cable must meet in professional environments.

As data volumes increase continuously, the transmission media chosen must be as future-proof as possible. The fact that many cables can work with today's resolutions and data speeds does not mean that there are no

differences between them. Such differences only become apparent when transmission data speeds get ever faster which is when the more basic cable designs will get left behind. Before installing hundreds of meters of cabling in network and/or A/V environments, you should be aware what criteria a cable needs to meet to ensure long lasting operation. The quality requirements of a cable increase in proportion to the distance covered, and the volume of data transmitted.

The following text describes specifically which criteria are responsible for quality and what you need to consider when planning larger data transmission distances with copper cables.

CORE CROSS SECTION

An indicator of the electrical conductor resistance of a cable core is firstly the conductive material which has its own material-specific resistance (usually copper), and secondly the cross section of the core (the surface area of the front face visible when precisely cutting through the cable core in a radial direction). This is inversely proportional to the conductor resistance. The bigger the cross section, the thicker the core and the smaller the resistance and thus also the smaller the signal damping effect. Technically speaking, the core cross section is measured in mm². Generally, the AWG (American Wire Gauge) measure is often used. The following rule holds: the smaller the AWG measure, the thicker the core. The length of the cable is another characteristic which can affect conductor resistance. It is proportional to the resistance, ergo: the shorter the cable, the less is its signal damping effect. For this reason, choose as small a data cable as possible.

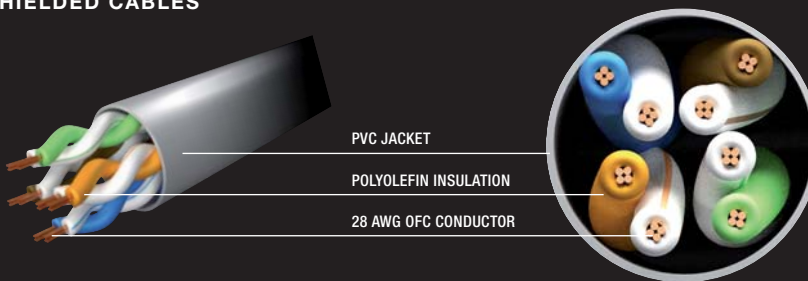
Overall this means: as the core cross section increases and cable length increases, the quality of the transmission properties of a cable will increase.



SHIELDING

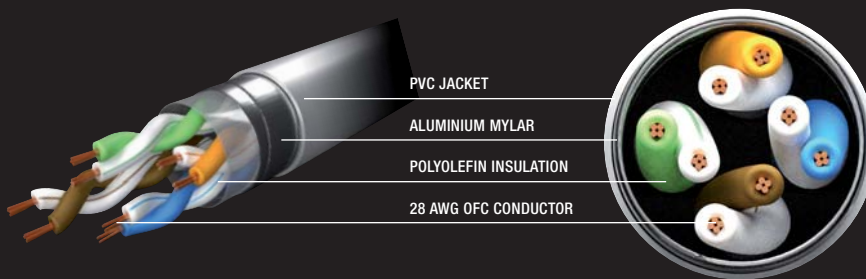
Sophisticated cable shielding protects data signals from electromagnetic interference. It helps with electromagnetic compatibility (EMC) and reduces interdependencies on other cables and devices. Electromagnetic problems can be present in the signal path inductively or capacitively in poorly shielded cables or cables which do not have any shielding at all. They can diminish the quality of the usable data signal in a lasting way. The problems as described arise to a varying degree depending on how transmission cables are installed inside a building (e.g. in cable ducts along longer paths in parallel to high current or other high frequency cables near radiation-emitting devices, etc.). In extreme cases, a total breakdown of the image or visible artefacts on a monitor screen may arise with A/V cables in the form of pixel noise. In network cables, it may bring about a massive breakdown in data transmission speeds. Close attention should therefore be paid to cable shielding. A good rule of thumb is as follows: The better the shielding, the better the signal transmission. This can be illustrated clearly using network cables as an example. The new naming system designates cables based on the schema [A]A/BCC, where A marks the overall shielding (U, S, F or SF); B is the pair shielding (U, S or F), and C is the cable type (TP or QP, Twisted Pair or Quad Pair).

UNSHIELDED CABLES



Cables without shielding, e.g. network cables are designated as U/UTP - Unshielded Twisted Pair (formerly: UTP). These cables must not be installed next to power cables and not laid parallel to them at less than a few centimetres in distance over lengths in excess of ten meters. On these cables, these twisted pairs with plastic insulation are surrounded by a plastic jacket.

SINGLE SHIELDED CABLES



The following cables have good shielding sufficient in most uses. They bear the designation S/UTP (Screened Unshielded Twisted Pair), F/UTP (Foiled Unshielded Twisted Pair, formerly: FTP) or SF/UTP (Screened and Foiled Unshielded Twisted Pair). Alongside the exterior outer plastic jacket between the twisted cable pairs, there is also a protective copper braiding or an aluminium film, or both. The following cables offer good protection: they bear the designation: PiMF (Pairs in Metal Film) based on EN 50173 FTP (Foiled Twisted Pair), are actually called U/FTP. Unlike S/UTP, the cable does not have an outer overall shielding. Instead, the pairs are shielded. The cable is a little stiffer and less flexible as a result.

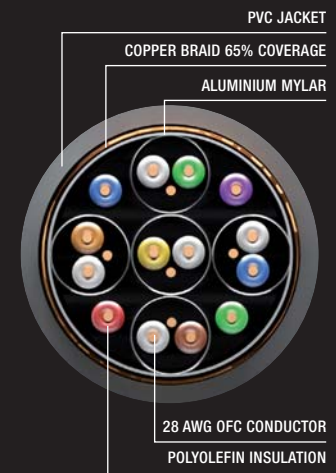
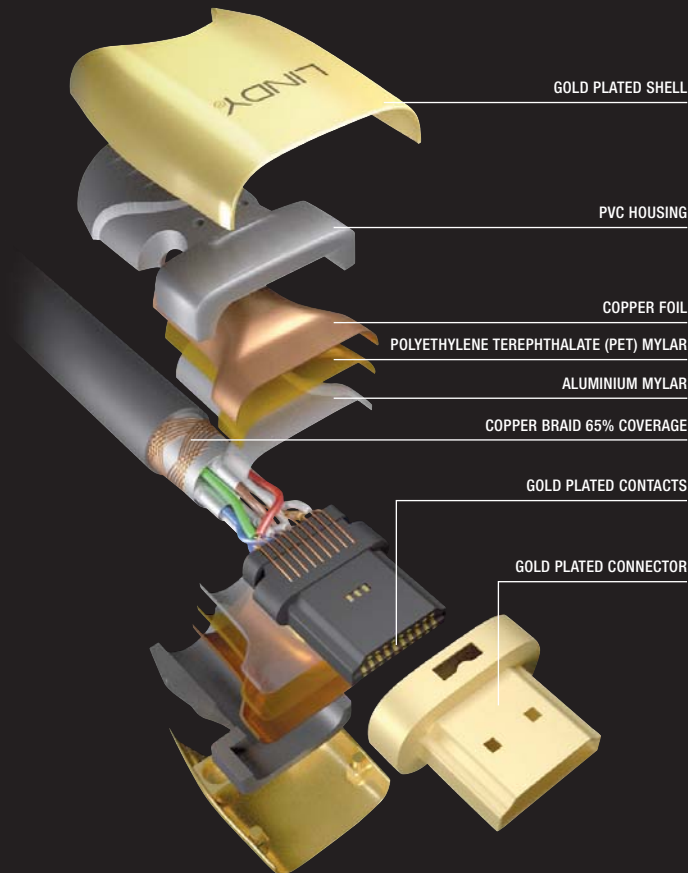
DOUBLE SHIELDED CABLES



The best protection against faults are offered by double-shielded network cables termed S/STP (Screened Shielded Twisted Pair) or S/FTP (Screened Foiled Twisted Pair). In these cables, all pairs have individual shielding using copper braiding (S/STP) or film (S/FTP). Both feature an additional layer of metal protection between the core pairs and the outer protective jacket. This makes double-shielded pairs very good for use in raw industrial applications where interference issues are often unavoidable, and also when bridging long distances.

CONNECTORS AND CONTACTS

Plug connectors are important components which establish the physical contact between cables and network cards, switches, routers and, in A/V applications, between cables and source and destination devices. They must be of high quality, installed properly and have a precise finish to reliably ensure electrical connections without significant signal-damping contact resistances. Moreover, kink protection is vital too to prevent core fractures and damage to the cable jacket. The contacts themselves must be gold, chrome- or nickel-plated as a means of ensuring good contact quality in an environment which is at risk of corrosion.



PROTOCOL VERSIONS AND FUNCTIONALITY

In the past with respect to data signals, the large number of transmission protocol versions (e.g. HDMI 1.2, 1.4 or 2.0 or DP 1.2 or 1.3 etc.) were a source of great confusion. Ever higher versions of the transmission protocols require ever greater bandwidth and high-frequency support from cables. For example, for the largest possible resolution for HDMI 1.0 (1080p) cables at 60Hz and a color depth of 8 Bit/channel just under 4.5Gbit/s is transmitted. With HDMI 1.3 at 1440p, in excess of 8Gbit/s is transmitted. A 4K resolution (under HDMI 2.0) needs a data speed of approx. 17Gbit/s. The increase in color depths and color sampling rates play their part too. Exactly the same situation can be found in DisplayPort applications as well as network and USB cables for transmitting the latest protocol versions, such as 10GBase-T and USB 3.1. Data cables need to be able to satisfy this increasing hunger for bandwidth now and in the future. LINDY cables are able to do this with their high precision production processes and the use of high quality materials.

MATERIALS

Usable bandwidth, potential throughput and a cable's service life are ultimately a product of the materials and how they are finished. In terms of physical science, each two-wire cable connection represents a passive low-pass filter (RC member) with series resistance along the cores and electrical capacity between the cores. The smaller the capacity and resistance, the higher the maximum transmissible frequency. The insulating material and pair twisting is responsible for the minimising of the electrical capacity. The resistance is determined by the conductor material. Since copper - of all the chemical elements with the exception of silver - has the highest specific electrical conductivity (in other words, the smallest specific resistance), it should not be combined with other metals to achieve as low as possible resistance of the individual cores in the interests of high frequency resistance. Ultra-pure oxygen free copper (OFC - oxygen-free copper) with a purity greater than 99.99% is also very corrosion-resistant. Thanks to its fine grained crystalline structure it is very resistant to fracture caused by material fatigue. Especially for flexible (stranded) cables constantly in motion, this is crucial for a long cable life.

ROHS- AND REACH COMPLIANT

All LINDY cables also comply with RoHS (more precisely: RoHS-II-) guidelines and the REACH directive as you would expect. These EU chemicals regulations restrict (in the case of RoHS) certain materials in electronic products, or restrict or prohibit the use of non-listed chemicals for any products through REACH. Cables must comply with this regulatory framework as the materials and substances which are the subject of these regulations are harmful to health and the environment.

HALOGEN-FREE CABLES

Halogen-free (Low Smoke free of Halogen, LSOH or Low Smoke Zero Halogen, (LSZH) cables have become increasingly prevalent in public buildings, especially in the network cable area. These cables do not contain chlorine or other halogens such as fluorine or bromine so that no poisonous gases are released if there is a fire. In these cables, the materials used for the jacket and insulation are polymers and are 100% hydrocarbon based. They do not give off any poisonous or corrosive gases when burned. LINDY offers a wide range of halogen-free network cables in various colors and configurations.

FIBER OPTIC CABLES

The domain of fiber optic cables begins where copper cables - in spite of their quality and performance - reach their limits. This completely different kind of signal transmission is not affected by electromagnetic issues. For this reason, there is absolutely no need to shield fiber optic cables. However, transmission quality is critically dependent on the ultra-precise production of the actual fibers. These fibers consist of a core and a jacket. Insertion loss is the important measure of the transmission properties of a fiber optic cable

In assuring and verifying high-precision production, LINDY FIBER OPTIC CABLES are tested and their insertion losses are measured individually. The resulting measurement report is enclosed with every single LINDY cable.

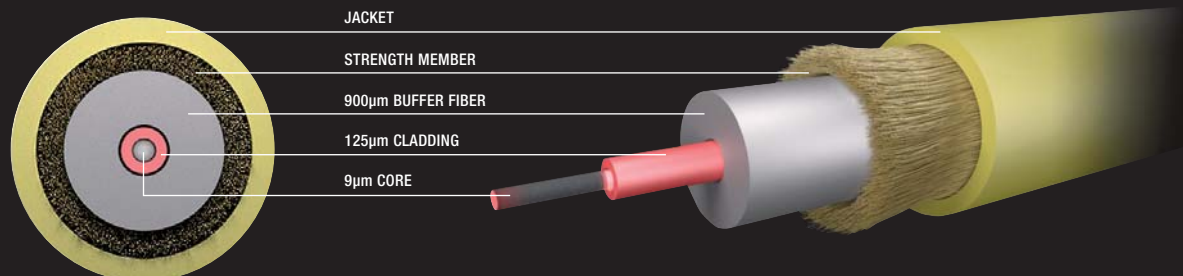
INSERTION LOSS CHARACTERISTICS OF FIBER OPTICS

The refractive index profile - on modern fibers, this is always given as the smooth transition between the refractive index of the fiber core and jacket, the so called gradient index; on older fibers it sometimes defined as a stepped transition, the so-called, step-index profile'. Gradient index fibers have considerably less damping than step-index fibers.

The ratio between the diameter of the core and that of the jacket is usually 50µm/125µm on multi-mode fibers which can be used up to a few 100m in distance; and 9µm/125µm on single-mode fibers which can bridge distances up to a few dozen kilometers.

The so-called bandwidth length product of the cable, on which basis fiber optic cables are classified into the categories OM1-OM4 for multi-mode and OS1 or OS2 for single-mode fibers. These are color-coded:

- OM1 and OM2: orange
- OM3: aqua blue
- OM4: violet
- Single-mode: yellow

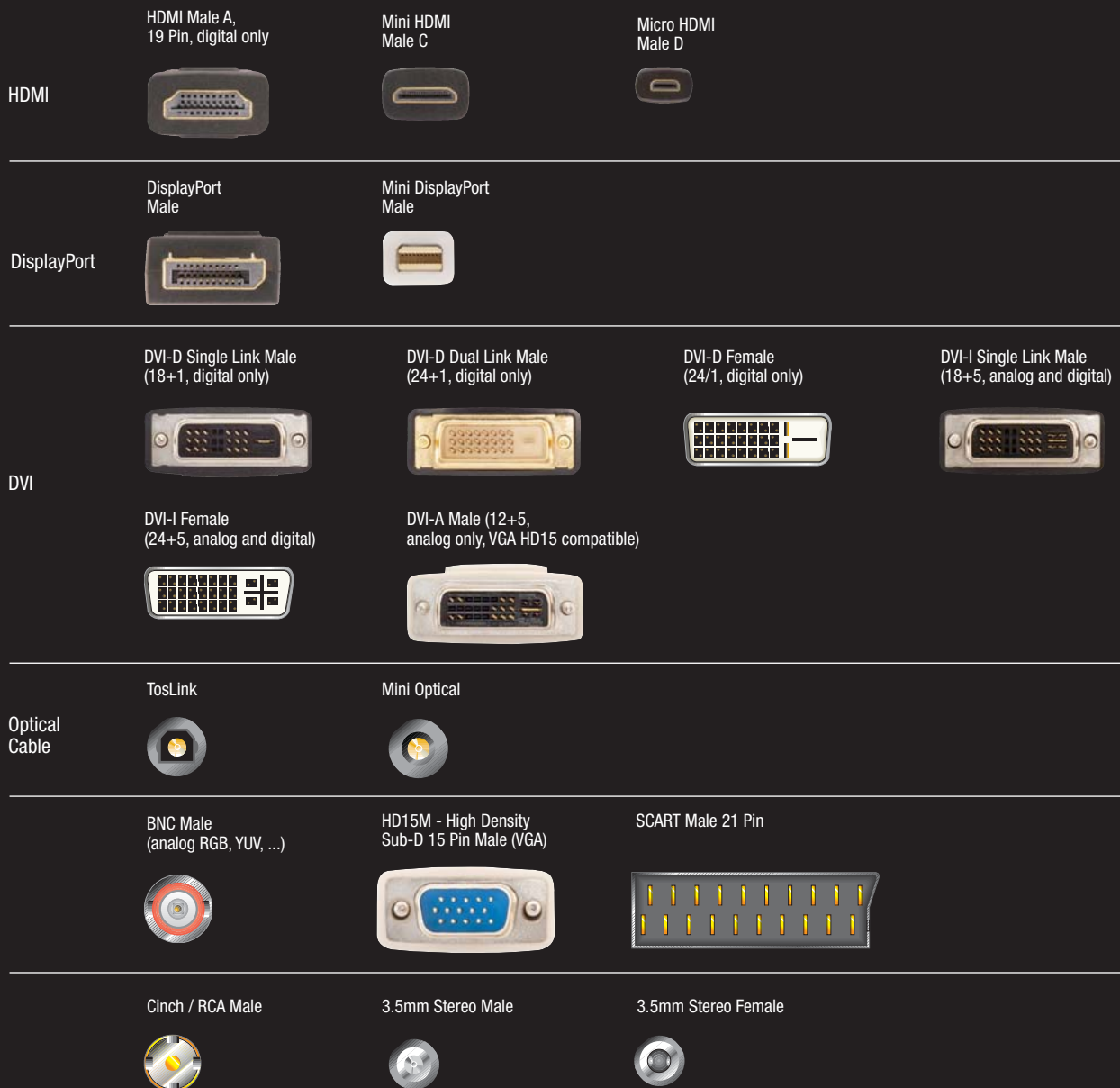


CABLE & CONNECTOR GUIDE

USB CONNECTORS



AUDIO, VIDEO & MULTIMEDIA CONNECTORS



FIREWIRE MALE CONNECTORS

4 Pin Male FW400



6 Pin Male FW400



9 Pin Male FW800/400



NETWORK MALE CONNECTORS

Fiber Optic

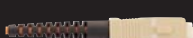
MT-RJ Fiber Optic Male



ST Fiber Optic Male



SC Fiber Optic Duplex Male



LC Fiber Optic Male



RJ45 Male (8/8 Pin, Ethernet, ISDN)



RJ11/12 Male (6/6 Pin, Modem-/Telephone Cable)



RJ10 Male (4/4 Pin, Telephone Cable)



BNC Male (10Base-2, ...)



RP-SMA WLAN Antenna



SATA / eSATA / SAS INTERNAL MALE CONNECTORS

22 Pin Standard SATA Male SFF-8482



29 Pin SAS Male SFF-8484 2 Channel



7 Pin SATA Male (Data only)



15 Pin SATA Male (power only)



16 Pin Micro SATA Male



13 Pin Slim SATA Male



eSATA Male



eSATAp Male



POWER MALE CONNECTORS

IEC C14 Plug 3 Pin



IEC C5 3 Pin Cloverleaf Socket



IEC C7 Figure-8 Socket



IEC C19 Socket (for higher electrical load 16A), 3 Pin



15 Pin SATA Male (power only)



4 Pin 5.25" power connector internal "molex"



4 Pin 3.5" Power Cable internal



D-TYPE / CENTRONICS MALE CONNECTORS

D9M – Sub-D 9 Pin Male



D15M – Sub-D 15 Pin Male



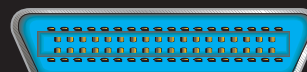
HD15M – High Density Sub-D 15 Pin Male (VGA)



D25M – Sub-D 25 Pin Male



CN36M – Centronics 36 Pin Male (printer, parallel port)



VGA MALE

DVI-D FEMALE

DVI-D MALE

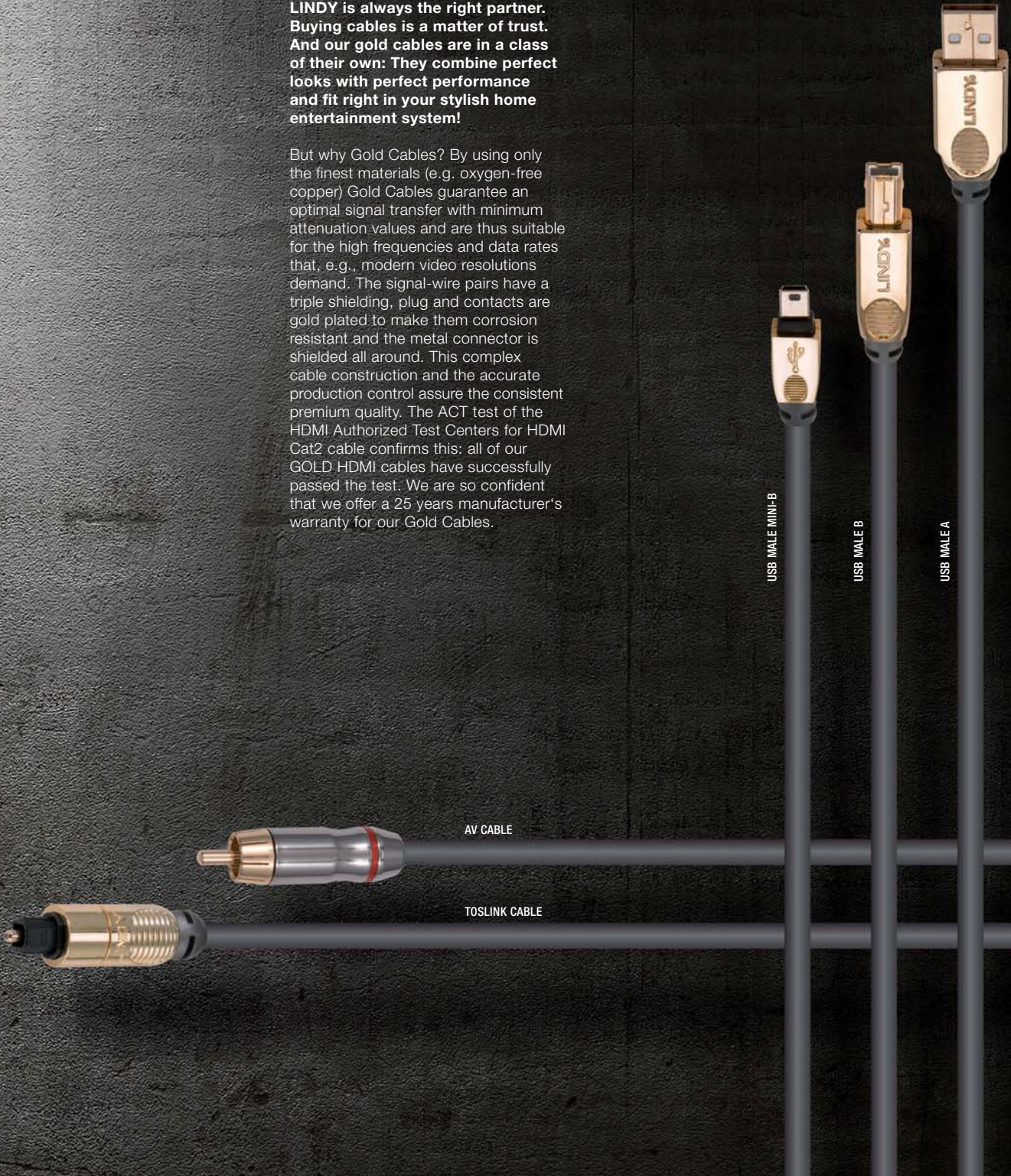
DISPLAYPORT

HDMI MALE A

GOLD CABLE PRECIOUS METAL

When it comes to high end cables, LINDY is always the right partner. Buying cables is a matter of trust. And our gold cables are in a class of their own: They combine perfect looks with perfect performance and fit right in your stylish home entertainment system!

But why Gold Cables? By using only the finest materials (e.g. oxygen-free copper) Gold Cables guarantee an optimal signal transfer with minimum attenuation values and are thus suitable for the high frequencies and data rates that, e.g., modern video resolutions demand. The signal-wire pairs have a triple shielding, plug and contacts are gold plated to make them corrosion resistant and the metal connector is shielded all around. This complex cable construction and the accurate production control assure the consistent premium quality. The ACT test of the HDMI Authorized Test Centers for HDMI Cat2 cable confirms this: all of our GOLD HDMI cables have successfully passed the test. We are so confident that we offer a 25 years manufacturer's warranty for our Gold Cables.



AV CABLE

TOSLINK CABLE

USB MALE MINI-B

USB MALE B

USB MALE A

CROMO CABLE EYE-CATCHER

USB 3.0 MALE A



USB 3.0 MALE B



USB 3.0 MALE MICRO-B



USB 2.0 MALE MINI-B



USB 2.0 MALE A



PATCH CABLE CAT.6





HDMI MALE A

HDMI MALE C

HDMI MALE D

We live in a time where form and function are growing together. PCs, notebooks, media devices and home theater equipment match the futuristic style of the interior design. In times like these even cables have to fit in seamlessly.

Our CROMO Cables make your home theater shine in a completely new light and give your equipment a timeless touch. They consist only of the finest materials and have an elegant design: glossy chrome plugs meet cables in velvety anthracite. CROMO Cables turn any modern audio and video installation into an eye-catcher. Because first impressions matter. To ensure this impression lasts, we use only high quality materials and give 10 years warranty.



USB 2.0 MALE A

USB 2.0 MALE MICRO-B

LIGHTNING MALE



AUDIO CABLE MALE

AUDIO CABLE FEMALE



HDMI MALE A

MINI DISPLAYPORT

DISPLAYPORT

THE ART OF CONVERTING FROM ANALOG TO DIGITAL

REPLACING COMPONENTS IN EXISTING IT AND AV INSTALLATIONS CAN QUICKLY TURN INTO A COMPLEX AND COSTLY PROJECT. ESPECIALLY WHEN MIXING OLDER AND NEWER EQUIPMENT. LINDY VIDEO CONVERTERS ALLOW CONNECTIONS BETWEEN OLDER SOURCE DEVICES, WITH VGA INTERFACES, AND NEWER HDMI, DVI OR DISPLAYPORT DISPLAYS.



In the digital signage and AV distribution and transmission area, there are many different inputs and outputs and transmission protocols. It is worth mentioning that the old VGA interface, despite being superseded by newer technology, is still present in large numbers of existing installations. With increasing distribution of digital video interfaces, the demand for adapters and converters is increasing constantly in order to be able to remove and replace components from installation assemblies separately in stages. This saves money as older equipment which are still in good working condition, can continue to be used.

The conversion of different AV signals poses a great technical challenge, although it is just a basic change in the protocol for the existing signal. However, we are dealing with very high-frequency signals here. You should ensure that the configuration and construction of the converter has the same high quality as the cables being used. This is the only way to ensure the reliable transmission of consistent high audio and video quality as each AV signal transmission line is only ever as good as the weakest link of its components.

The conversion of digital to analog signals is a more complicated matter. HDMI, DVI and DisplayPort constitute the standard in video interfaces today. If these signals need to be converted to VGA, e.g. to continue operating a dated, but expensive analogue VGA display device, a completely new analogue signal will need to be generated from the digital. A basic adapter or protocol converter is not able to do this, in which case, an electronic digital-analog converter is needed. This generates analog signal levels from digital image data and does so in real time to keep latencies during transmission as low as possible. If you do not wish to rely on the manufacturer's information on potential wattage rating of the power supply from the video interface of the source device, we recommend a converter with an external power supply. LINDY offers HDMI/VGA converters with a power supply via USB or with their own power supplies.

To produce digital signals from analog signals requires even more sophisticated technology. To generate video data from an analog image signal, this analog signal first needs to be sampled in order to be able to compute the data for the digital counterpart of the image

from the sampling values. An analog-digital converter is needed which must be technically even more sophisticated the higher the image resolution and sampling rates. This must also be done in real time, where possible to avoid latencies.

Great demand and even a larger market has developed through the years and LINDY has been present all this time with a wide range of products.

CONCLUSION

All of the LINDY solutions described above are converters with integrated microprocessors. Simple passive adapters are not recommended and are not supplied by LINDY since in most cases they are unreliable and do not meet the stringent requirements of LINDY quality standards in professional use.

OVERVIEW OF LINDY CONVERTERS & ADAPTERS

1 HDMI TO VGA & AUDIO ADAPTER

HDMI, Mini-HDMI or Micro-HDMI to VGA and Audio (3.5 mm) converters with a short HDMI cable and power supply via USB.

→ Page 244, No. 38185, 38186, 38187



4 VGA & AUDIO TO HDMI CONVERTER CABLE

A converter from VGA and 3.5 mm audio to HDMI with USB power supply via USB.

→ Page 60, No. 38188



7 MINI DISPLAYPORT TO VGA ADAPTER CABLE

Mini DisplayPort to VGA cable with integrated converter in lengths 1, 2, 3 or 5 meters. Colour: white or black.

→ Page 246, No. 41475–41477



2 HDMI TO VGA PLUG-IN ADAPTER

HDMI to VGA converter without an external power supply or audio and without HDCP support.

→ Page 244, No. 38194



5 SHORT DISPLAYPORT ADAPTER CABLE

Mini-DisplayPort or DisplayPort to VGA converter with short DisplayPort cable.

→ Page 247, No. 41015, 41006



8 SDI TO HDMI / DVI-D AND DVI-D / HDMI TO SDI CONVERTER

DVI-D/HDMI to SDI: Converts DVI-D/HDMI-signals to broadcast quality SDI video. SDI to DVI-D/HDMI: Converts broadcast quality SDI video to DVI-D/HDMI signals.

→ Page 61, No. 38196–38199



3 HDMI to VGA Cable

HDMI to VGA with integrated converter and power supply via USB in lengths 1, 2, 3 or 5 meters.

→ Page 242, No. 41455–41458



6 COMBO Adapter Cable Mini-DisplayPort

Combined devices for Mini-DisplayPort to VGA and HDMI (and DVI).

→ Page 247, No. 41043, 41050



DO YOU NEED SUPPORT
OR HAVE ANY QUESTIONS?
WE ARE GLAD TO HELP YOU!

LINDY TECH SERVICES

+44 1642 754 020
TECH@LINDY.COM

USB 3.1 SUPERSPEED+ UP TO 10Gbps

THE UNIVERSAL SERIAL BUS, OR USB FOR SHORT, HAS BECOME THE STANDARD INTERFACE FOR DATA TRANSMISSION AND VOLTAGE SUPPLY FOR IT HARDWARE AND INCREASINGLY FOR AV APPLICATIONS. THE CABLES FOR THE NEW USB STANDARD HAVE A RANGE OF DIFFERENT APPLICATIONS. THESE CABLES TRANSMIT DATA AS WELL AS OFFERING A VOLTAGE SUPPLY OF SUFFICIENT SIZE VIA POWER DELIVERY TO CHARGE NOTEBOOKS AND OTHER DEVICES WITH A POWER CONSUMPTION OF 100W OR LESS.

Thus only one cable is needed for data transport and power supply using a standardised plug type. While it is going to take some time for the new standard to become widespread, first hardware manufacturers are already using connections offering the USB-CAN (Type-C) plug standard that certified at the same time as USB 3.1. So how fast is USB 3.1? What benefits does the Type-C plug connector offer? What power output is provided by USB Power Delivery and how about the 5K monitor connected via USB? Lots of questions. Here is an overview.

First of all, the new terminology is causing a lot of confusion. What used to be called USB 3.0 is now called USB 3.1 Generation 1, or: USB 3.1 Gen 1 for short. Components meeting the new USB 3.1 requirements will henceforth be known as USB 3.1 Gen 2. To compound this confusion, three new standards are being developed at the same time, independently of USB 3.1 - the Type-C connector which is to become the future USB universal plug connector; USB Power Delivery for power transmission and control via USB; and USB Alternate Mode - defined alongside the Type-C connector - used for the transmission of DisplayPort or HDMI via USB. While the C plug connector can be used independently of the USB version (i.e. also for USB 3.1 Gen 1 (3.0), 2.0 or 1.1), Alternate Mode requires at least USB 3.0 due to the number of cores required. In turn, current power-delivery definition is a part of the USB 3.1 Gen 2 specification.



TRANSFER SPEED

USB 3.1 Gen 2 for the most part achieves its higher speed by doubling the data transfer rate from 5Gbps to 10Gbps. The type of data transfer is also different. Previously, USB 3.0 used an 8b/10b encoding which means that for every 8 Bits of payload data, two bits are used for error correction. USB 3.1 has increased to a 128b/132b encoding schema reducing the overhead from 20 to 3 percent. Superfast net transfer speeds of almost 10 Gigabit per second are possible. In comparison, the old USB 3.0 standard only transfers up to 5 Gigabits. The number of wires in the new USB cable will not change compared to USB 3.1 Gen 1 (the 'old' USB 3.0); data is still transferred from transmitter to receiver and vice versa via the two twisted core pairs: One line sends the signal unchanged, the other sends the signal inverted. The receiver then generates the differential voltage between the two signals which is twice as high as the signal itself. This lessens the negative impact of signal faults considerably. In USB 3.0 cables, only the twisted pairs of the data cables are shielded. In contrast, in USB 3.1, each individual core is shielded.

*Transfer large volumes of data
with 2x speed of USB 3.0*

- **USB 2.0** –
Up to 480Mbps "HighSpeed"
- **USB 3.1 Gen 1** –
up to 5Gbps "SuperSpeed"
- **USB 3.1 Gen 2** –
up to 10Gbps "SuperSpeed+"

POWER DELIVERY

USB 3.1 Gen 2 provides for greater use of USB Power Delivery (USB PD) which was neglected before. USB PD sets out new guidelines for the power supply. In the previous USB 3.0, devices charged at a maximum of 4.5 watt (5V, 900mA). Almost all tablets and smartphones only support USB 2.0 which provides a mere 2.5 watts (5V, 500mA). USB 3.1 Power Delivery sets out five different profiles for the power supply. These can be detected automatically. According to the specification, devices can be supplied with 10, 18, 36, 60 or 100 watts (20V, 5A) via USB PD. USB 3.1 therefore offers a large-enough power supply to power or charge smartphones and notebooks and professional equipment up to 100 watts. USB PD enabled devices automatically detect how much current can flow across the connected cable and in what direction the current must flow. This is done directly via the power supply lines, which means it does not have a negative impact on the data transfer.

ALTERNATE MODE

One cable for all uses: With the right configuration, now all you need is a USB Type-C cable in order to power or charge an end device with up to 100 watts. Transmitting 4K video and audio data plus 5Gbps data transfer is possible at the same time. In future, the new USB connector will be able to control multiple monitors with resolutions of up to 5K from a single computer, similar to DisplayPort. In Alternate Mode, only available for Type-C, one, two or four data cables can be used for different signals for USB. Source and destination devices with that capability negotiate the connection splitting when connecting. Therefore, special plug connectors or active cables are not required. When using two cables, a 4K monitor can be used together with the full 10Gbps speed of USB 3.1. With four lanes, USB 2.0 at 480Mbps is still possible, the remainder of the bandwidth of the cables can control a 5K monitor. The frequency rate for 4K is 60 Hertz with a color depth of 10 Bits per channel.

CONNECTOR TYPE

The new USB Type-C connector does away with the earlier split into host (PCs or laptops) and device (for connected devices such as printers, smartphones, digital cameras, and other accessories). A special feature of the new Type-C plug connector is that it will always work regardless of which way it is inserted into the port of the source or target device. Its compact size makes it ideal for use in professional devices where space plays an important role, such as mobile devices. With a width of around 8.3 millimeters and a height of 2.5 millimeters, the new Type-C connector is much more compact than the popular Type A connector currently in use. Like its predecessor USB 3.0, USB 3.1 is backwards compatible with USB 3.0 / 2.0 / 1.1 and 1.0.

Improved power supply with PD mode

With Power Delivery (PD) Mode:

- Power supply up to 100W
- 5/12/20V with up to 5A Max

Without Power Delivery (PD) Mode:

- Power supply of up to 15W
- 5V with up to 3A Max

Simultaneous 4K videos including sound and data transfer

DisplayPort Alternate Mode:

- Supports resolutions up to 4K 3840x2160
- 4K Video & 5Gbps Data at the same time
- 1080p Video x 2 & 5Gbps Data at the same time



USB 2.0

- 480Mbps data transfer
- 5V 3A Maximum
- No Power Delivery
- No DisplayPort Mode
- Lengths: 0.5m – 3m



USB 3.1 GEN 2

- 10Gbps data transfer
- 5V 3A Maximum
- No Power Delivery
- DisplayPort Mode
- Lengths: 0.5m – 1.5m



USB 3.1 GEN 2 POWER DELIVERY

- 10Gbps data transfer
- 5/12/20V 5A Maximum
- Power Delivery: 100W
- DisplayPort Mode
- Lengths: 0.5m – 1.5m

→ Page 218, No. 41870–41873,
Page 219, No. 41880–41883,
41890–41892

→ Page 218, No. 41905–41907,
Page 219, No. 41915–41917

→ Page 218, No. 41900–41902,
Page 219, No. 41910–41912,

➤ USB 3.1 – THE LATEST NEWS

USB 3.1 Gen 2 specification increases the data rate by a factor of 2 to 10 Gbit/s. Effectively limiting the maximum USB cable length to just 2 meters.

The new USB PD 2.0 (Power Delivery) specification allows USB cables to delivery 20 times more power or up to 100 watts at 20V DC. These cables have a chip embedded (eMark Cable). USB 3.1 Alternate Mode has been made part of the DisplayPort specification. USB Type-C cables will be able to transmit DP video signals to the monitor and also provide USB data signals.

USB 3.1 specification also defines the new Type "C" connector. This new connector is reversible which means you'll be able to connect a Type "C" connector without worrying about the plug's orientation or the cable's direction. It has the size of the USB Micro-B plug, but with an oval shape.

USB 3.1 Gen 2 Cable with Power Delivery, Male C to Male C

- Type-C Male to Type-C Male, stable seamless connector with gold plated contacts
- USB 3.1 SuperSpeed+/Gen 2 cable for data transfer rates of up to 10Gbit/s
- 100W Power Delivery Compatible (up to 5A) with E-Mark chipset
- Supports DisplayPort Alternate Mode
- Double shielded, high quality cable construction
- Fully molded with strain reliefs

LEARN MORE
→ 216



0.5m	1m	1.5m
41900	41901	41902

USB 3.1 Gen 2 Cable, Male C to Male C

- USB 3.1 SuperSpeed+/Gen 2 Cable for data transfer rates of up to 10Gbit/s
- Supports DisplayPort Alternate Mode
- Capable of up to 15W power (5V at 3A)
- Fully molded with strain reliefs
- Gold plated contacts
- Power: max. 3A

LEARN MORE
→ 216



0.5m	1m	1.5m
41905	41906	41907

USB 2.0 Cable, Male C to Male C

- USB 2.0 High Speed for data transfer rates of up to 480Mbit/s
- Double shielded, high quality cable construction
- Fully molded with strain reliefs
- Gold plated contacts

LEARN MORE
→ 216



0.5m	1m	2m	3m
41870	41871	41872	41873

USB 3.1 Gen 2 Cable with Power Delivery, Male C to Male A

- Type-C Male to Type A Male, stable seamless connector with gold plated contacts
- USB 3.1 SuperSpeed+/Gen 2 Cable for data transfer rates of up to 10Gbit/s
- 100W Power Delivery Compatible (up to 5A) with E-Mark chipset
- Supports DisplayPort Alternate Mode
- Double shielded, high quality cable construction
- Fully molded with strain reliefs



0.5m	1m	1.5m
41910	41911	41912

USB 3.1 Gen 2 Cable, Male C to Male A

- USB 3.1 SuperSpeed+/Gen 2 Cable for data transfer rates of up to 10Gbit/s
- Supports DisplayPort Alternate Mode
- Capable of up to 15W power (5V at 3A)
- Fully molded with strain reliefs
- Gold plated contacts
- Power: max. 3A



0.5m	1m	1.5m
41915	41916	41917

USB Adapter Cables, Male C to...

- USB 2.0 High Speed for data transfer rates of up to 480Mbit/s
- Double shielded, high quality cable construction
- Fully molded with strain reliefs
- Gold plated contacts



Male C USB 3.1 / Male A USB 2.0	0.5m	1m	2m	3m
	41880	41881	41882	41883
Male C USB 3.1 / Male Micro-B USB 2.0	41890	41891	41892	-

USB 3.1 Adapter Cable, 0.15m, Male C to...



... Female A USB 3.1

... Female A USB 2.0

- USB 3.1 SuperSpeed Cable for data transfer rates of up to 5Gbps
- Backwards compatible with USB 2.0/1.1/1.0 devices
- Fully molded with strain reliefs
- Gold plated contacts

- USB 2.0 High Speed for data transfer rates of up to 480Mbit/s
- Backwards compatible with USB 1.1/1.0 devices
- Fully molded with strain reliefs
- Gold plated contacts

41895

41897

USB 3.1 Adapter, Male C to...



... Female A USB 3.1

... Female Micro-B USB 2.0

- USB 3.1 SuperSpeed Cable for data transfer rates of up to 5Gbps
- Backwards compatible with USB 2.0/1.1/1.0 devices

- USB 2.0 High Speed for data transfer rates of up to 480Mbit/s
- Backwards compatible with USB 1.1/1.0 devices

41899

41896

USB 2.0 Adapter, Female C to...



... Male A USB 2.0

- USB 2.0 High Speed for data transfer rates of up to 480Mbit/s
- Backwards compatible with USB 1.1/1.0 devices

41898

USB SUPERSPEED TRANSFER RATES

LINDY USB 3.0 Cable support transfer rates up to 5Gbit/s.

Compatible with USB 2.0 / 1.1:

USB 3.0 type A Male fits in USB 2.0 type A Female on PC etc.

USB 3.0 type B Male does not fit in USB 2.0 type B Female

USB 2.0 type B Male fits in USB 3.0 type B Female

USB 3.0 type Micro-B Male does not fit in USB 2.0 type Micro-B Female

USB 2.0 type Micro-B Male fits in USB 3.0 type Micro-B Female

USB 3.0 Mini (B or A) does not exist

USB 3.0 is only in standard or micro sizes available

USB 3.0 Cable, Male A to Male A

- CROMO and Premium cables have gold plated connectors



	0.5m	1m	2m	3m	5m
CROMO Male A / Male A	41600	41601	41602	41603	41604
Premium Male A / Male A	31275	31276	31277	31278	31279
Male A / Male A	31980	31981	31982	31983	31984

USB 3.0 Cable, Male A to Male Micro-B

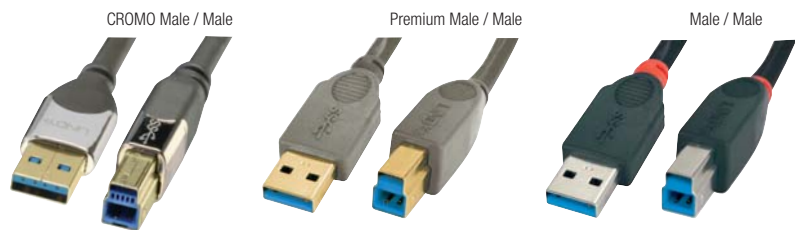
- CROMO and Premium cables have gold plated connectors



	0.5m	1m	2m	3m
CROMO Male A / Male Micro-B	41617	41618	41619	41620
Premium Male A / Male Micro-B	31280	31281	31282	31283
Male A / Male Micro-B, black	31990	31991	31992	31993

USB 3.0 Cable, Male A to Male B

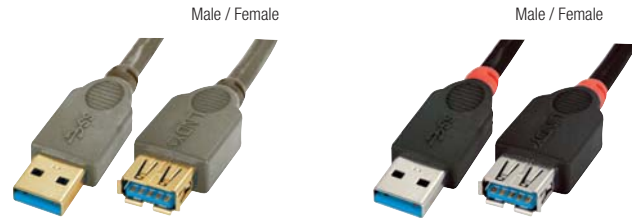
- CROMO and Premium cables have gold plated connectors



	0.5m	1m	2m	3m	5m
CROMO Male A / Male B	41610	41611	41612	41613	41614
Premium Male A / Male B	31260	31261	31262	31263	31264
Male A / Male B	31460	31461	31462	31463	31464

USB 3.0 Extension Cable, Male A to Female A

- Premium cables have gold plated connectors



	0.5m	1m	2m	3m
Premium Type A Male / Female	31270	31271	31272	31273
Type A Male / Female	31480	31481	31482	31483

USB 3.0 Flat Cable



	1m	2m	3m
Male A / Male B	31450	31451	31452
Male A / Male A	31455	31456	31457
Male A / Male Micro-B	31470	31471	31472

USB 3.0 Dual Power Cable

- Provides twice the amount of power from 2 USB connections to a USB external hard drive
- USB 3.0 SuperSpeed, up to 5 Gbit/s



	0.5m	1m
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male Micro-B	31115	31116
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male A	31100	31101
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Female A	31112	31113

USB 3.0 OTG CABLES ON PAGE 226.
RETRACTABLE USB 3.0 CABLE AND USB 3.0 PLUG ADAPTERS ARE ON PAGE 228

... latest products at
LINDY.com

USB HI-SPEED TRANSFER RATES

LINDY USB 2.0 cables are fully USB 2.0 compliant and support all transfer rates up to USB Hi-Speed 480 Mbit/s. They are of course downward compatible with USB 1.1 standard and work with all USB devices. They are packaged, individually in high quality resealable LINDY polybags.

USB 2.0 Reversible Cable

- USB 2.0 Reversible Cable, Male A / Male Mini-B
- Reversible Type A Male connector
- Ultra thin cable design for increased flexibility and portability
- USB 1.1 or USB 2.0, supported
- Data transfer up to 480Mbit/s
- Molded



	0.5m	1m	2m	3m
USB 2.0 Reversible Cable, Male A / Male Mini-B	31175	31176	31177	31178
USB 2.0 Reversible, Male A / Male Micro-B	31195	31196	31197	31198

USB 2.0 Cable, Male A to Male B

- USB 2.0 GOLD Cable
 - Metallic connector, gold plated
 - With 360° EMC shielding
 - Premium cable, double shielded
- USB 2.0 CROMO Cable
 - Gold plated connectors
 - Double shielded, high quality cable
- USB 2.0 Cable, Transparent
 - Connector with red strain relief
 - Molded
 - Double shielded



25 YEAR GUARANTEE

	0.2m	0.5m	1m	2m	3m	5m	7.5m
USB 2.0 GOLD Cable, Male A / Male B	–	37685	37686	37687	37688	37689	–
USB 2.0 CROMO Cable, Male A / Male B	–	41580	41581	41582	41583	41584	41585
USB 2.0 Cable, Transparent, Male A / Male B	31703	31693	31694	31695	31696	31697	–

- USB 2.0 Cable, Gray
 - Connector with red strain relief
 - Molded
 - Double shielded
- USB 2.0 Cable, Black
 - Connector with red strain relief
 - Molded
 - Double shielded
- USB 2.0 Cable, Gray, Pack of 50
 - Connector with red strain relief
 - Molded
 - Double shielded



	0.5m	1m	2m	3m	5m
USB 2.0 Cable, gray, Male A / Male B	31643	31644	31645	31646	31647
USB 2.0 Cable, black, Male A / Male B	31843	31844	31845	31846	31847
USB 2.0 Cable gray, Male A / Male B, Pack of 50	–	31810	31811	31812	–

USB 2.0 Cable, Male A to Male B

- **USB 2.0 GOLD Cable**
 - Metallic connector, gold plated
 - With 360° EMC shielding
 - Premium cable, double shielded
- **USB 2.0 CROMO Cable**
 - Gold plated connectors
 - Double shielded, high quality cable
- **USB 2.0 Cable, Transparent**
 - Connector with red strain relief
 - Double shielded



	0.2m	0.5m	1m	2m	3m	5m	7.5m
USB 2.0 GOLD Cable, Male A / Male Mini-B	–	37 690	37 691	37 692	37 693	37 694	–
USB 2.0 CROMO Cable, Male A / Male Mini-B	–	41 587	41 588	41 589	41 590	41 591	41 592
USB 2.0 Cable, Transparent, Male A / Male Mini-B	31 688	31 683	31 684	31 685	31 686	31 687	–

USB 2.0 Cable, Male A to Male Mini-B

- Connector with red strain relief
- Molded
- Double shielded



	0.5m	1m	2m	3m	5m
Male A / Male Mini-B	31 883	31 884	31 885	31 886	31 887
Male A / Male Mini-B 90° angled	31 970	31 971	31 972	–	–

USB 2.0 Cable gray

- Connector with red strain relief
- Molded
- Double shielded



	0.5m	1m	2m
Male B / Female B	31 800	31 801	31 669

USB 2.0 Cable, Male A to Male Micro-B

- **CROMO USB 2.0 Cable**
 - Gold plated connector
 - With 360° EMC shielding
 - Premium cable, double shielded
- **USB 2.0 CROMO Slim Cable**
 - Double shielded high quality cable
- **USB 2.0 Cable black**
 - Connector with red strain relief, molded
 - Double shielded cable



	0.5m	1m	2m	3m	5m
USB 2.0 CROMO, Male A / Male Micro-B	41 593	41 594	41 595	41 596	41 597
USB 2.0 CROMO Slim, Male A / Male Micro-B	–	41 690	41 691	–	–
USB 2.0 Cable Black, Male A / Male Micro-B	31 663	31 664	31 665	31 866	31 867
USB 2.0 Cable Black, Male A / Male Micro-B 90° angled	31 975	31 976	31 977	–	–

USB 2.0 Cable, Type A

- Connector with red strain relief
- Molded
- Double shielded



	0.2m	0.5m	1m	2m	3m	5m
USB 2.0 cable, gray, Male A / Male A	–	31637	31638	31640	31641	31642
USB 2.0 cable, gray, Male A / Female A	31653	31849	31654	31655	31656	31757
USB 2.0 cable, black, Male A / Female A	31853	31851	31854	31855	31856	31857

USB 2.0 Cable, Black

- Connector with red strain relief
- Molded
- Double shielded



	0.5m	1m	2m	3m
Male Micro-A / Male B	31950	31951	31952	31953
Male Micro-A / Male Mini-B	31960	31961	31962	31963
Male Micro-A / Male Micro-B	31940	31941	31942	31943

USB 2.0 Dual Power Cable

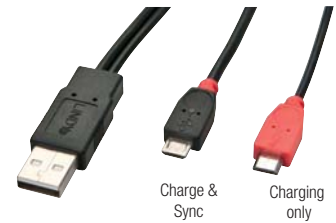
- 2x USB Male A / Male Mini-B
- Provides twice the amount of power from 2 USB connections to a USB external hard drive
- Transparent connector, molded
- Double shielded



	0.5m	1m	2m
Distance between A connectors 0.2m	31779	31784	31785
Distance between A connectors 0.5m	–	31786	31787

Dual Charger & Sync Cable

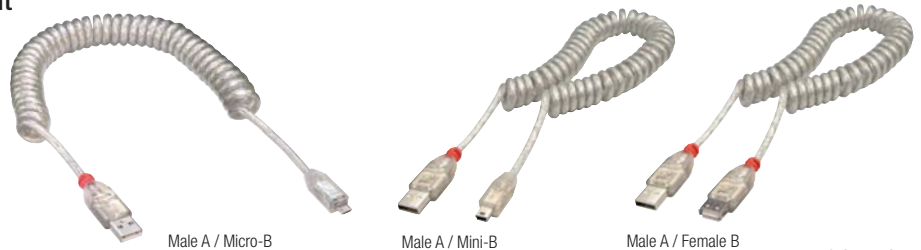
- USB Type A Male / 2x Micro-B
- Male USB 2.0, 2x 1.5m
- Simultaneous charging of 2 mobile phones
- Black Micro-B Male: charge & sync
- Red Micro-B Male: charging only



	31661
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USB 2.0 Coiled Cable, transparent

- Double shielded
- Molded connector



	0.2m – 2m
USB 2.0 Male A / Mini-B	31925
USB 2.0 Male A / Micro-B	31926
USB 2.0 Male A / Female B	31927

USB 2.0 Flexible Lightning Cable, Reversible Male A to Lightning Male

- Male A / Lightning Male
- Reversible Type A connector can be plugged in any orientation
- Flat, flexible cable design
- Material : TPE



	1 m
Male A / Lightning Male, black	31390
Male A / Lightning Male, blue	31391
Male A / Lightning Male, green	31392
Male A / Lightning Male, yellow	31393
Male A / Lightning Male, orange	31394
Male A / Lightning Male, pink	31395

USB 2.0 Reversible Flat Cable, Male A to Male Micro-B

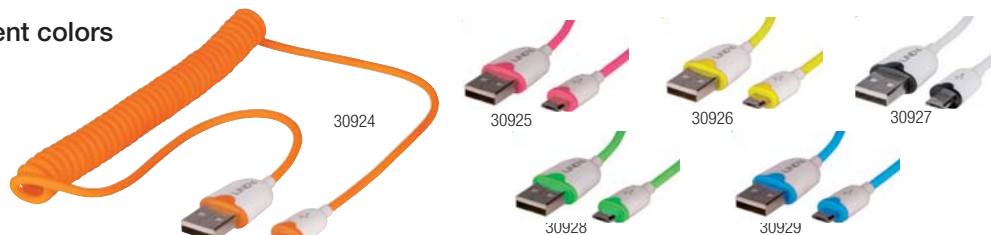
- Male A / Male Micro-B
- Male A reversible
- Flat cable, extremely flexible, shielded
- Material: TPE
- Molded connector



	0.5m	1 m	2 m
Male A / Male Micro-B, orange	30895	30896	30897
Male A / Male Micro-B, pink	30900	30901	30902
Male A / Male Micro-B, yellow	30905	30906	30907
Male A / Male Micro-B, white	30910	30911	30912
Male A / Male Micro-B, green	30915	30916	30917
Male A / Male Micro-B, blue	30920	30921	30922

USB Coiled Cable, different colors

- Double shielded
- Molded connector



	1.6 m
Male A / Male Micro-B, orange	30924
Male A / Male Micro-B, pink	30925
Male A / Male Micro-B, yellow	30926
Male A / Male Micro-B, white	30927
Male A / Male Micro-B, green	30928
Male A / Male Micro-B, blue	30929

➤ USB ON-THE-GO (OTG)

USB On-The-Go (OTG) are devices that can be connected as a USB device to a computer, or to other USB devices (hubs, storage media, printers, mice, keyboards...). Modern smartphones are best known to work with OTG devices, you can for example use a USB A/Micro-B cable to transfer pictures from your phone to a PC. Most smartphones support USB hubs and other USB devices by using a USB Micro-B OTG cable. You will find the appropriate USB OTG hub on page 163 and USB OTG cable on page 226.

USB 3.0 Cable OTG

- Connector with red strain relief
- Molded
- Double shielded



		0.5m
Female A / Male Micro-B with charging connector Male A	31612	31612
Female A / Male Micro-B		31613

USB 2.0 Cable OTG, transparent

- Connector with red strain relief
- Molded
- Double shielded



		0.5m	1m	2m	3m
Male Mini-A / Male B		–	31628	31629	31630
Male Mini-A / Male Mini-B		31632	31633	31634	–
Male Mini-A / Male Micro-B		31805	31806	31807	–

USB 2.0 Adapter OTG

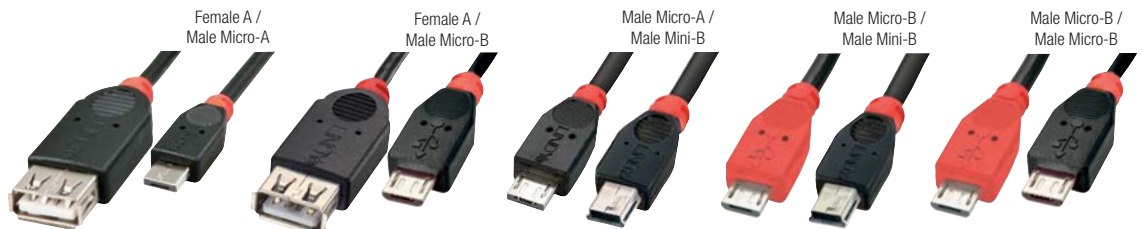


- Male Micro-B / Female A
- Compact design
- Color: white

		31933
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USB 2.0 Cable OTG

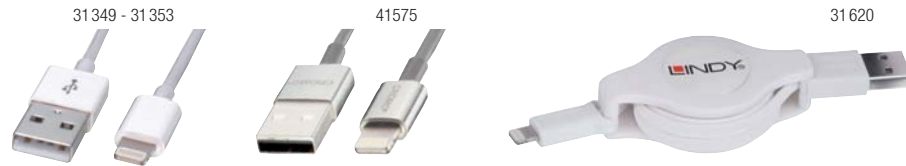
- Connector with red strain relief
- Molded
- Double shielded



		0.5m	1m	2m
Female A / Male Micro-A		31945	31956	–
Female A / Male Micro-B		31935	31936	–
Male Micro-A / Male Mini-B		31957	31958	–
Male Micro-B / Male Mini-B		31717	31718	31719
Male Micro-B / Male Micro-B		31758	31759	31760

Lightning to USB Cable

- Charge & Sync cable for iPhone, iPad & iPod



Made for iPod iPhone iPad

	0.5m	1m	2m	3m
Premium	31349	31350	31352	31353
CROMO	-	41575	-	-
Retractable	-	31620	-	-

USB to Micro-B & Lightning Cable

- Charge & Sync cable for mobile devices
- USB A Male to USB Micro-B and Lightning Male



Made for iPod iPhone iPad

31345

Lightning to Micro USB Adapter

- Lightning Male / USB Micro-B Female
- Compatible with: iPhone, iPad and iPod with Lightning interface
- Charge, sync or data transfer



Made for iPod iPhone iPad

41076

AV Cable (Composite Video)

Movies, pictures & music can be played on devices with composite video/audio connectors.

Made for iPod iPhone iPad



73349

USB Charge & Sync Cable for iPad

- Allows data synchronization and charging via USB
- Includes slide switch for switching between sync and charging
- Use with original cable
- Length: ~1.2m



73335

Protector Kit for Lightning Cable

Lightning cable protector kit prevents cable break on Lightning and USB connector

- 2 protectors: 1 x Lightning + 1 x USB A
- Suitable for all cables with Lightning connector to USB A
- Fluorescent material (glows in the dark)



pink

31387



green

31388



blue

31389

Retractable USB 3.0 Cable



A Male /
B Male

31997

A Male /
Micro-B Male

31998

Retractable USB 2.0 Cable



A Male /
B Male

31617

A Male /
Mini-B Male

31618

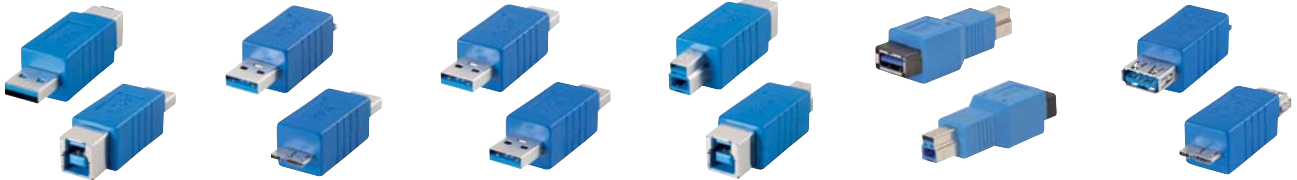
A Male /
Micro-B Male

31619

Extension Cable
A Male / A Female

31616

USB 3.0 Adapters



A Male /
B Female

71270

A Male /
Micro-B Male

71271

A Male /
A Male

71272

B Male /
B Female

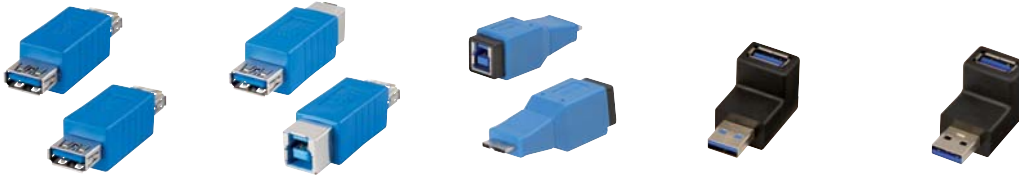
71273

A Female /
B Male

71274

A Female /
Micro-B Male

71275



A Female /
A Female

71276

A Female /
B Female

71277

B Female /
Micro-B Male

71278

A Male / A Female
90° Down

71260

A Male / A Female
90° Up

71261

USB 2.0 Adapters



A Male /
B Female

71228

A Male /
A Male

71229

A Female /
A Female

71230

A Male /
B Female

71231

B Female /
Mini-B Male

71232

B Female /
Micro-B Male

71233

Mini-B Female /
Micro-B Male

71234

Micro-B Female /
Mini-B Male

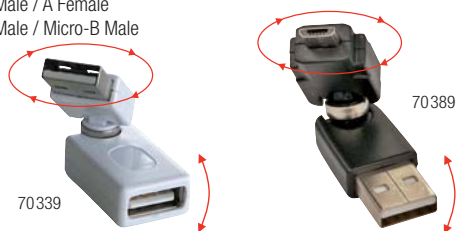
71235

Male A /
Micro-B Female

71236

USB 2.0 360° Adapters

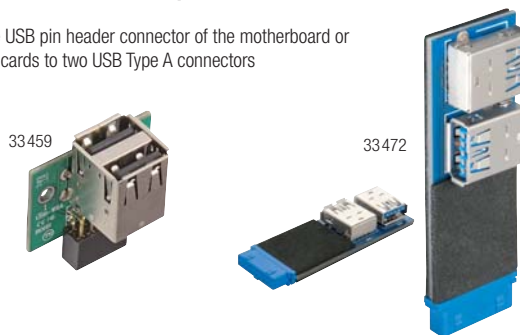
- Rotatable and tiltable in every direction
- USB 2.0/1.1 compatible
- 70339: USB A Male / A Female
- 70389: USB A Male / Micro-B Male



USB 2.0 360° Adapter A Male / A Female	70339
USB 2.0 360° Adapter A Male / Micro-B Male	70389

USB Mainboard Adapter

Adapts the USB pin header connector of the motherboard or expansion cards to two USB Type A connectors



USB 2.0 Mainboard Adapter IDC 2x5	33459
USB 3.0 Mainboard Adapter IDC 2x10	33472

USB 3.0 Back Plate Adapter

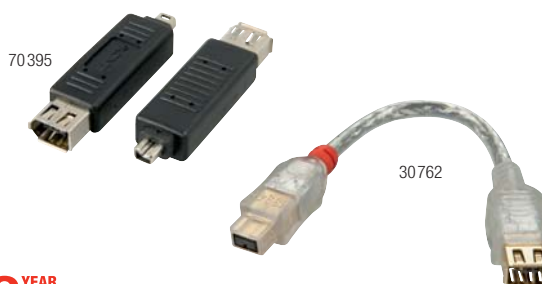
- 2x USB Type A Female / IDC-20 for mainboard connector
- About 50cm



10 YEAR GUARANTEE

33096

FireWire Adapters



10 YEAR GUARANTEE

FireWire Adapter 6 Pin Female / 4 Pin Male	70395
Adapter Cable, FireWire 800/400 9 Pin Male / 6 Pin Female	30762

FireWire & USB Back Plate Adapter



10 YEAR GUARANTEE

1x USB 2.0+1x FireWire-6 / USB Type A M+FireWire-6 M ~30cm	33124
1x USB 2.0 / USB Type A Male, ~30cm	33123
2x USB / IDC-5, for 5 Pin mainboard connector, ~20cm	33147
2x USB / IDC-4, for 4 Pin mainboard connector, ~14cm	33141

FIREWIRE CABLE

LINDY PREMIUM Gold FireWire cables are fully compliant with IEEE 1394 FireWire standards and support all transfer rates up to FireWire 400 with 400 Mbit/s or FireWire 800 with 800 Mbit/s. They work with all FireWire, iLink, DV and Mini-DV devices.

Due to their high quality, these cables also work with lengths of over 4.5 m. The maximum data rate depends on the connected devices when having lengths of up to 25m.

Premium Gold FireWire Cable

- Gold plated connectors



	0.3m	1m	2m	3m	4.5m	10m	20m
6 Pin Male / Male	30859	30860	30861	30862	30863	30865	30867
6 Pin Male / 4 Pin Male	30869	30870	30871	30872	30873	30875	30877
4 Pin Male / Male	-	30880	30881	-	30883	30885	30887

Premium Gold FireWire 800 Cable

- Gold plated connectors



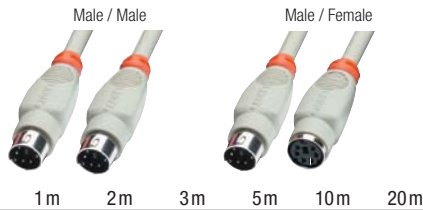
	0.3m	1m	2m	3m	4.5m	7.5m	10m	15m	20m	25m
9 Pin Beta Male / Male	30754	30755	30756	30757	30758	-	30760	-	30745	30746
9 Pin Bilingual Male / 6 Pin FireWire 400 Male	30764	30765	30766	30767	30768	-	30770	30771	-	-
9 Pin Bilingual Male / 4 Pin FireWire 400 Male	30784	30785	30786	30787	-	-	-	-	-	-

ACTIVE EXTENSION CABLES, CAT5 EXTENDER AND REPEATER HUBS CAN BE FOUND ON PAGE 162

... latest products at LINDY.com

PS/2 Cable

- For mouse, keyboard, trackball, barcode scanner etc.
- Shielded cable and connectors



	1m	2m	3m	5m	10m	20m
Male / Male	33265	33266	33267	33268	33270	33271
Male / Female	33460	33461	33462	33463	33465	33467

SUN & Mac Cable, 8 Pin Mini DIN

- Mini DIN-8 Cable
- Shielded cable and connectors



	2m	5m
Male / Male, 1:1 connection	31532	31539
Male / Male, (not 1:1), see website	31531	31534
Male / Female, 1:1 connection	31533	33051

Keyboard & Mouse Adapter PS/2 AT / Serial



DIN-5 Female / PS/2 MD-6 Male
▪ Adapter Cable, ~15cm

70129



PS/2 MD-6 Female / DIN-5 Male
▪ Adapter Cable, ~15cm

70139



PS/2 Mouse to serial AT-RS232 connector device

- For PS/2 RS232 multi protocol mice

70248

USB PS/2 Mouse/Keyboard Adapter

Only for multi protocol USB PS/2 mice or keyboards



USB Type A Female / mini-DIN 6 Male, port adapter

70000



USB Type A Male / mini-DIN 6 Female, port adapter

70510



USB Type A Male / mini-DIN 6 Female, cable, ~10cm

70511



USB Type A Female / mini-DIN 6 Male, cable, ~15cm

70002

PS/2 Back Plate

- 6 pin MD Female to IDC (1x5), ~22cm



33133

AT Keyboard Cable, 5 Pin DIN

- DIN-5 pin Male / Male, 1:1 connection, length 5m



31512

PS/2 to USB Adapter

- 2x PS/2 mini-DIN 6 pin Female / USB Type A Male

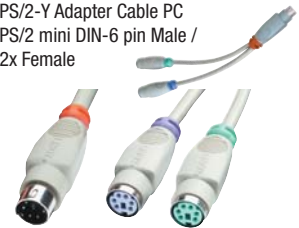


2 YEAR GUARANTEE

42866

Mouse & Keyboard Adapter

- PS/2-Y Adapter Cable PC
- PS/2 mini DIN-6 pin Male / 2x Female



30365

Mini Adapter/Gender Changer



70342



70071



70082



70072

Connection 1		Connection 2	
6 Pin Mini-DIN Female	6 Pin Mini-DIN Female	70342	
9 Pin Sub-D Male	9 Pin Sub-D Male	70071	
9 Pin Sub-D Male	9 Pin Sub-D Female	70082	
9 Pin Sub-D Female	9 Pin Sub-D Female	70072	

PS/2, AT to RS232 Adapter

- For round cable
- Supplied with housing



62051



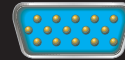
62042

9 Pin Sub-D Male, Metal, 5 pieces	62042
9 Pin Sub-D Female, Metal, 5 pieces	62051

CONNECTOR TYPES

VGA

VGA is the traditional analog monitor connector with the HD15 connector, also called High Density Sub-D 15 pin connector. With this cable, the analog video signals are transmitted from the graphics card to the monitor.



HD15M – High Density Sub-D 15 pin male (VGA)



HD15F – High Density Sub-D 15 pin female (VGA)

DVI

DVI is the standard for connecting flat panel displays. The VGA port is increasingly being replaced by DVI connections. Standard DVI-I supports both traditional analog VGA signals as well as digital DVI-D, HDMI, DFP and P&D signals via a single connector.

DVI is thus a true all-rounder, which is why there are several different DVI plugs available:

- Digital signal only, single link connection: DVI-D, up to 1920 x 1200
- Digital signal only, dual link connector for high-resolution monitors up to 2560 x 1600 pixels: DVI-D (Dual Link)
- Analog connection only: DVI-A (VGA compatible)
- Integrated, combined analog & digital connection: DVI-I

Graphic cards with DVI-I output can usually display both analog and digital signals over the DVI-I port. The active signal depends on the connected monitor and the driver settings.



DVI-D Single Link male (18+1, digital)



DVI-I female (24+5, analog and digital)



DVI-I Single Link male (18+5, analog and digital)



DVI-D female (24+1, digital, NOT for DVI-I male)



DVI-A male (12+5, analog, VGA HD15 compatible)



DVI-D Dual Link male (24+1, digital)

HDMI

HDMI is the current standard for transferring digital video and audio signals between modern AV devices. HDMI is the digital replacement for analog SCART, S-Video, composite video & audio as well as component video (YUV). The Mini and Micro HDMI connectors were defined with the same amount of contacts, but with a smaller plug.

Our current HDMI High Speed Cables are compatible with HDMI 2.0.



HDMI male A, 19 pin, digital



Mini HDMI male C, 19 pin, digital



Micro HDMI male D, 19 pin, digital

DP – DISPLAYPORT

DP – DisplayPort is replacing the DVI standard, especially on notebooks and Macs. DP currently supports resolutions up to 4K (4096 x 2160). HDMI, DVI and VGA adapters are available. Apple has introduced a smaller form factor, Mini DisplayPort and Thunderbolt.

The DisplayPort features could be expanded in the future by adding USB support (with the same connectors).



DisplayPort male



Mini DisplayPort male

COMPATIBILITY

With a simple adapter you can turn a DVI-I video card output to an analog VGA connection.

HDMI signals are broadly compatible with digital DVI signals, although the HDCP encryption is mandatory for HDMI, it is only optional for DVI signals. HDMI is able to transmit audio signals, which DVI devices do not support (but DVI cables do). DVI graphic card outputs can be adapted to HDMI via a simple cable adapter. However, audio signals will not be transmitted to the HDMI port. To adapt from HDMI to DVI is also possible, but a display with DVI input supporting HDCP (HD Ready) is required. The audio signal will not be transmitted.

To adapt from DisplayPort to HDMI, DVI or VGA active electronic adapters are necessary (see following pages).

VGA Cable with BNC Connectors

- VGA HD-15 pin male / 5x BNC male
- LINDY design, molded, completely shielded
- RGB & HV as coax versions



1.8m 5m
31 562 31 567

EGA, CGA Monitor Cable



male / male male / female
2m 3m 5m
EGA/CGA Sub-D-9 male / male 31 510 31 524 31 527
EGA/CGA Sub-D-9 male / female 31 519 31 520 31 525

VGA, EGA, CGA Mini Adapter/Gender Changer



port 1	signal	port 2	
9 pin Sub-D male	EGA - VGA	15 pin HD female	70343
15 pin HD male	VGA	15 pin HD male	70092
15 pin HD male	VGA	15 pin HD female	70093
15 pin HD female	VGA	15 pin HD female	70094

VGA 90° Adapter



- 90° angled VGA connections
- VGA cable connection faced up or down

VGA 90° angled adapter, up 70318
VGA 90° angled adapter, down 70387

VGA or DVI/VGA 1:2 Splitter Cable



VGA 1:2 splitter cable, passive

- Connect a computer to two VGA monitors
- 1x 15 pin VGA male to 2x 15 pin VGA female
- Gold plated connector
- Suitable for installations up to 10m
- Cable length: 20cm

41 214

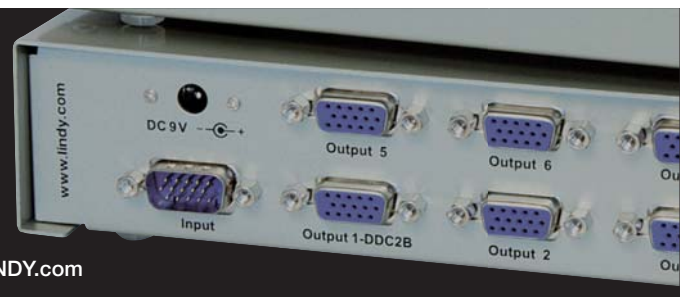


DVI/VGA 1:2 splitter cable, passive

- Connect two VGA monitors to a single DVI-I port
- 1x DVI-I (analog) / DVI-A male to 2x 15 pin VGA female
- Gold plated connector
- Suitable for installations up to 10m
- Cable length: 20cm

41 051

VGA SPLITTER, VGA EXTENDER VIA CAT.5/6 UP TO 300M, VGA SWITCHES SEE FROM PAGE 62



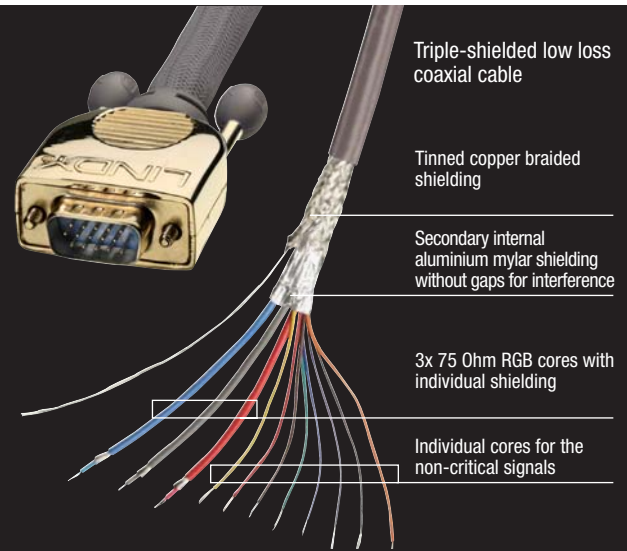
... latest products at LINDY.com

GOLD

GOLD VGA MONITOR CABLE, FOR THE MOST DEMANDING

Our Gold VGA cables have been designed for users who demand maximum reliability and the best possible performance. No compromises have been made in design or construction to ensure that these cables provide great picture quality at the highest resolutions, even over very long distances.

The perfect choice for home cinema, presentation, CAD, DTP and AV installations.



GOLD VGA

- VGA HD-15 Pin
- Gold plated metal plug and contacts
- Color: anthracite
- Fully shielded
- RGB as coax versions
- DDC2 compatible
- Does not require ferrite cores



25 YEAR GUARANTEE

	2m	3m	5m	10m	15m	20m	30m	40m	50m
Male / male	37820	37821	37822	37823	37824	37825	37826	37827	37828
Male / female	37835	37836	37837	37838	37839	37840	37841	37842	37843

Premium VGA Cables with ferrite core for High Resolutions

- VGA HD-15 Pin
- For resolutions up to 2560 x 1600 (WQXGA)
- LINDY design, molded
- Fully shielded
- RGB as coax versions
- DDC2 compatible
- Ferrite cores
- Extension: Not for VGA splitters and switches which require to be screwed on
- *SLD construction



10 YEAR GUARANTEE

	0.25m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m	40m	50m
Male / male	36370	36371	36372	36373	36374	36375	36376	36377	36378	36379	36380*	36381*	36382*
Male / female	36390	36391	36392	36393	36394	36395	36396	36397	36398	37398	-	-	-
Extension cable	-	-	37452	36451	36452	36453	36454	36455	36456	36457	-	-	-

BRILLIANT, SHARP IMAGE

LINDY provides a wide range of cables to fit your every need. If high quality is needed, look for cables that are well shielded and transmit RGB signals over coaxial cables. With the Premium Gold VGA cables one can easily overcome distances up to 100m. If you wish to transmit VGA signals over greater distances, you can find appropriate LINDY VGA extenders on page 65–67.

Premium VGA Cable for High Resolution

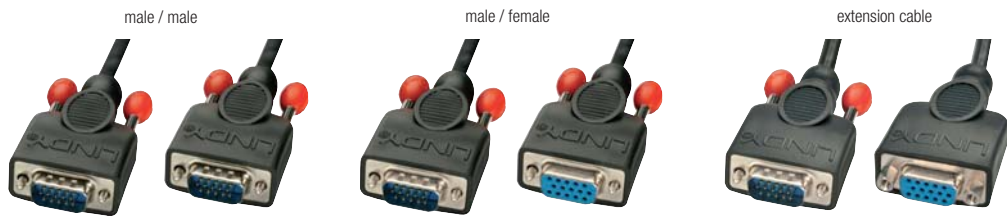
- VGA HD-15 Pin
- For resolutions up to 2560 x 1600 (WQXGA)
- LINDY design, plastic, molded
- Fully shielded
- RGB as coax versions
- DDC2 compatible, ferrite core
- Male / female:
Also for VGA splitters and switches which require to be screwed on



	0.25m	1m	2m	3m	5m	7.5m	10m	15m	20m
Male / male	36340	36341	36342	36343	36344	36345	36346	37347	36348
Male / female	36360	36361	36362	36363	36364	37365	37366	37367	36368

Classic VGA Cable (without ferrite core, flexible, 6mm in diameter)

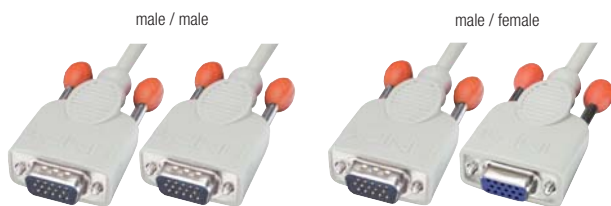
- VGA HD-15 Pin
- Low priced VGA monitor cables
- DDC enabled
- Plastic, molded
- For high resolution up to 1920 x 1200
- RGB as coax versions



	1m	2m	3m	5m
Male / male	31440	31441	31442	31443
Male / female	31420	31421	31422	31423
Extension cable	31430	31431	31432	31433

Standard VGA Cable

- VGA HD-15 Pin
- For resolution up to 800 x 600
- Plastic, molded



	1m	2m	3m	5m
Male / male	31550	31551	31549	31552
Male / female	31544	31541	31543	31542

Premium VGA & Audio Cable

- VGA + 3.5mm M/M
- VGA HD-15 pin / 3.5mm stereo jack
- LINDY design, molded, completely shielded
- RGB as Coax versions
- DDC2 compatible with ferrite cores
- Audio break-out cable length: 50cm



	1m	2m	3m	5m	7.5m	10m	15m
Male / male	37298	37299	37300	37301	37302	37303	37304

DVI to VGA Adapter Cable

DVI Male (DVI-A) to VGA HD-15 male



1m	2m	3m	5m
41 195	41 196	41 197	41 198

DVI-I to DVI-D + VGA Adapter Cable



DVI-I (M) -> DVI-D (F) + VGA (F) monitor splitter cable, Dual Link

- Only with graphic cards that send digital DVI-D signals and analog VGA signals over a single DVI-I output
- Dual Link Digital & Analog

Gray	41 048
Black	41 218



DVI-I (F) -> DVI-D (M) + VGA (M) monitor adapter cable, Dual Link

- Use with DVI-I KVM switches connected to DVI LCD monitors with separate inputs for analog VGA and digital DVI-D signals

Gray	41 008
Black	41 204

VGA to DVI Adapter (analog signal)



DVI-female (DVI-A) / VGA HD-15 pin male
0.2m 41 223



DVI-male (DVI-A) / VGA HD-15 pin female
0.2m 41 222



DVI-male (DVI-A) / VGA HD-15 pin female
41 194

DVI Splitter Cable, 2 port, passive



DVI Dual Link splitter cable, 1:2, passive

- DVI-D male to 2x DVI-D female

41 215



DVI/VGA splitter cable, 2 port, passive

- DVI-I male to 2x VGA female

41 051

DVI-D to VGA Active Converter



- Converts DVI-D to VGA
- Short active cable converter

38 189

LFH / DMS59 Adapter Cable



Adapter cable DMS59 (LFH) to 2x DisplayPort female

41 084



Adapter cable DMS59 (LFH) to 2x DVI-I (digital & analog VGA)

41 009



Adapter cable DMS59 (LFH) to 2x VGA female

41 010

Adapter Cable DVI to M1, DFP, P&D, EVC



DVI male / MDR20 female

- DFP monitor cable to DVI graphic card

41 220



DVI female & USB-B female / M1-DA, P&D(EVC) male

- Projector to DVI & USB cable

41 229



DVI female & USB-B female / M1-D, P&D(EVC) male

- Projector to DVI & USB cable

41 299

ADVANTAGE

Short adapter cables have an advantage over adapter plugs because they don't strain the socket and don't take up space at the rear of the device.

DIGITAL MONITOR SIGNALS

Digital monitor signals have a major advantage compared to analog signals. The image quality is not reduced when transferred from graphics card to monitor - you always have a perfectly sharp, brilliant and true color image.

There is one disadvantage: The cable lengths are generally limited to about 25m when using high-end cables (depending on resolution). An extender is required for greater distances.

GOLD DVI-D Dual Link

- DVI-D male or female (digital, 24 pin)
- Digital Dual Link
- Male with gold plated metal connector, maximum shielded
- The best cable for DVI
- For the highest resolutions such as 2560 x 1600 for 30" HD displays and dual link graphic cards



	0.5m	1m	2m	3m	5m	7.5m	10m
Male / male DVI-D (24+1)	37140	37141	37142	37143	37144	37145	37146
Male DVI-D (24+1) / female DVI-D (24+5 compatible)	-	-	37150	-	-	-	-

Premium DVI-D Dual Link

- Premium quality cable
- DVI-D male or female (digital, 24 pin)
- For resolutions up to 2560 x 1600
- Sealed metal connector, fully shielded



	0.5m	1m	2m	3m	5m	7.5m	10m
Male / male DVI-D (24+1)	41238	41239	41240	41241	41242	41244	41243
Male DVI-D (24+1) / female DVI-D (24+5 compatible)	41127	41128	41245	41246	41247	41249	41248

DVI-I Single Link

- DVI-I male / male (integrated analog & digital, 18+5 pin)
- Molded, shielded



1m	2m	3m	5m
41270	41271	41272	41273

DVI-D Single Link

- DVI-D male / male (digital, 18+1 Pin)
- Molded, shielded



1m	2m	3m	5m	10m
41280	41281	41282	41283	41284

DVI-D Dual Link

- DVI-D male / male (digital, 24 pin)
- Up to 2560 x 1600
- Molded, shielded



0.35m	1m	2m	3m	5m
41289	41290	41291	41292	41293

GOLD Super Long Distance DVI – Single Link

- DVI-D male / male (digital, 18+1 pin)
- Super Long Distance cable
- Special construction & precision for long distances
- Digital Single Link
- Solid metal connector with 24K gold plating, maximum shielding
- For DVI-D resolutions up to 1920 x 1200



25 YEAR GUARANTEE

10m	15m	20m	25m
37160	37161	37162	37163

GOLD Super Long Distance DVI – Dual Link

- DVI-D male / male (digital, 24+1 pin)
- Super Long Distance cable
- Special construction & precision for long distances
- Solid metal connector with 24K gold plating, maximum shielding
- For the highest resolutions such as 2560 x 1600 for 30" HD displays and dual link graphic cards
- DVI repeater (32667) is required when using longer cables



25 YEAR GUARANTEE

10m	15m	20m	25m
37155	37156	37157	37158

DVI Super Long Distance – Single Link

- DVI-D male / male (digital, 18+1 pin)
- For DVI-D resolutions up to 1920 x 1200
- Digital Single Link
- Sealed metal connector, fully shielded



10 YEAR GUARANTEE

10m	15m	20m	25m
41260	41261	41262	41263

DVI Super Long Distance – Dual Link

- DVI-D male / male (digital, 24+1 pin)
- For DVI-D resolutions up to 2560 x 1600
- Digital Dual Link
- Molded, shielded
- DVI repeater (32667) is required when using longer cables



10 YEAR GUARANTEE

10m	15m	20m
41285	41286	41287

TO ACHIEVE EVEN GREATER DISTANCES OF UP TO 300M, LOOK FOR LINDY DVI & HDMI EXTENDERS FROM PAGE 47

... latest products at LINDY.com



DVI / HDMI Adapter Cable

- For digital DVI-HDMI connection
- Molded, fully shielded



	0.5m	1m	2m	3m	5m	10m
HDMI male / DVI-D male (18+1)	41100	41101	41102	41103	41104	41106
Micro HDMI male / DVI-D male (18+1)	41150	41151	41152	41153	-	-
Mini HDMI male / DVI-D male (18+1)	41175	41176	41177	41178	-	-

DVI Hybrid Cable up to 150 m

- DVI-D male / male (digital)
- Hybrid cable, fiber optic & copper
- DVI-D Single Link Digital up to 1920 x 1200
- Metal connector with electronics (not removable)



	20m	30m	40m	50m	60m	70m	80m	90m	100m	150m
	38370	38371	38372	38373	38374	38375	38376	38377	38378	38379

DVI-D Cat.6 Extender

- DVI signals via flexible Cat.6/6A RJ45 cable up to 50m
- Max. distance dependant on signal quality and RJ45 cable
- **32599:** 1920 x 1200@60Hz up to 15m with Cat.6A S/FTP
- **38300:** Active extender with repeater 1920 x 1200@60Hz up to 50m with Cat.6A S/FTP



DVI Cat.6 Extender Classic 15m	32599
DVI Cat.6 Extender Active 50m	38300

DVI-D to HDMI Adapter



DVI-D female / HDMI male	41227
DVI-D male / HDMI female	41228

DVI 90° Adapter



DVI 90° Adapter, angled down, metallic

- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- 360° full shielding

60514

DVI 90° Adapter, angled up, plastic

- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- Molded plastic design, shielded

41253

DVI 90° Adapter, angled down, plastic

- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- Molded plastic design, shielded

41252

Premium DVI Port Saver Adapter



- **41098:** Dual Link digital (24+1) male
- **41099:** Dual Link digital & analog (24+5) male

DVI-I, male / female	41099
DVI-D male / DVI-I female	41098

MAC Mini-DVI Adapter



Mini-DVI to DVI-D female adapter

41000

Mini-DVI to HDMI female adapter

41001

Mini-DVI to VGA female adapter

41002

Premium DVI Coupler

- Short adapter, DVI-I 24+5 pin, gold plated
- Supports DVI-A, DVI-I & DVI-D Dual Link
- Short, compact form, shielded



41233

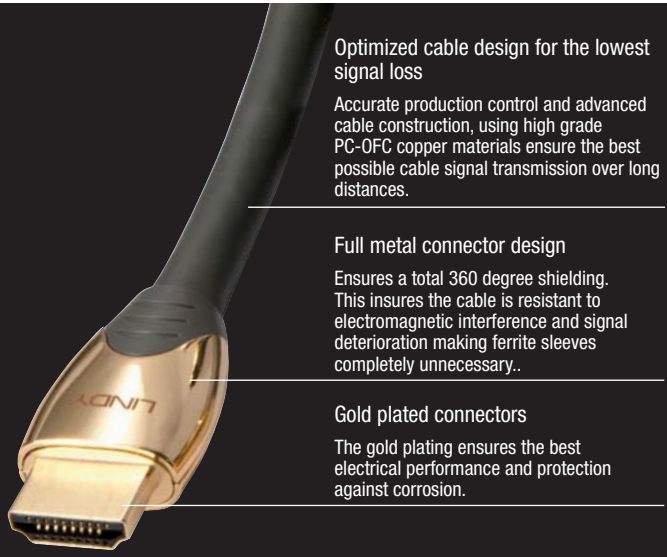
GOLD

GOLD HDMI CABLE – ATC CERTIFIED

LINDY GOLD HDMI cables have successfully passed the HDMI ATC (Authorized Test Centers) testing for CAT2 HDMI High Speed cable. These cables meet the requirements set by the HDMI organization. ATC certified for cable lengths up to 10m with Deep Color, higher resolution & 3D.



All products with this logo are HDMI ATC approved and without compatibility constraints.



Optimized cable design for the lowest signal loss

Accurate production control and advanced cable construction, using high grade PC-OFC copper materials ensure the best possible cable signal transmission over long distances.

Full metal connector design

Ensures a total 360 degree shielding. This insures the cable is resistant to electromagnetic interference and signal deterioration making ferrite sleeves completely unnecessary..

Gold plated connectors

The gold plating ensures the best electrical performance and protection against corrosion.

GOLD HDMI High Speed Cable with Ethernet

- Absolutely best for HDMI devices. Supports HDMI Ethernet channel
- HDMI male / male (digital, 19 pin)
- Gold plated metal connectors, fully shielded
- High Speed HDMI 2.0 and CAT2 (with Ethernet)
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth - Deep Color, x.v.Color™ and xvYCC compatible
- Supports all 3D formats



0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m
37850	37851	37852	37853	37854	37855	37856	37857	37858

GOLD DVI-D / HDMI Cable Single Link

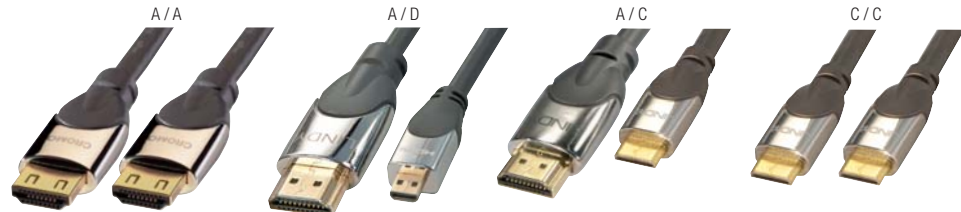
- Best for connecting HDMI and DVI devices
- DVI-D male (digital, 18+1 pin) / HDMI male (19 pin)
- Digital Single Link
- Gold plated metal connectors, fully shielded
- HDTV and HDCP compatible



0.5m	1m	2m	3m	5m	10m	15m
37180	37181	37182	37183	37184	37185	37186

CROMO HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0 and CAT2
- HEC compatible
- For resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



HDMI	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m
CROMO HDMI Type A male / A male (with Friction Locking for secure connections)	41 439	41 440	41 441	41 442	41 443	41 444	41 445	41 446
CROMO HDMI Type A male / Micro HDMI Type D male	–	41 420	41 421	41 422	–	–	–	–
CROMO HDMI Type A male / Mini HDMI Type C male	–	41 435	41 436	41 437	41 438	–	–	–
CROMO Mini HDMI Type C male / C male	–	–	41 451	41 452	–	–	–	–

Premium HDMI High Speed Cable without Ethernet

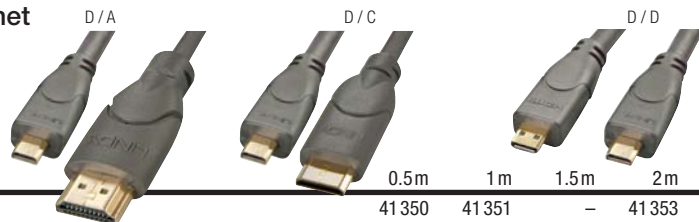
- Molded and completely shielded
- High Speed HDMI 2.0 CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



HDMI	0.3m	0.5m	1m	2m	3m	5m
HDMI Type A male / A male	41 109	41 110	41 111	41 112	41 113	41 114
HDMI Type A male / A female	–	41 313	41 314	41 315	41 316	–
HDMI Type A male / Mini HDMI Type C male	–	41 030	41 031	41 032	41 033	–
Mini HDMI Type C male / C male	–	41 040	41 041	41 042	–	–

Premium HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0 and CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



HDMI	0.5m	1m	1.5m	2m	3m
Micro HDMI Type D male / HDMI Type A male	41 350	41 351	–	41 353	41 354
Micro HDMI Type D male / Mini HDMI Type C male	41 340	–	41 342	–	–
Micro HDMI Type D male / D male	–	41 361	–	–	41 364

Premium HDMI Super Long Distance without Ethernet

- HDMI Type A male / male
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



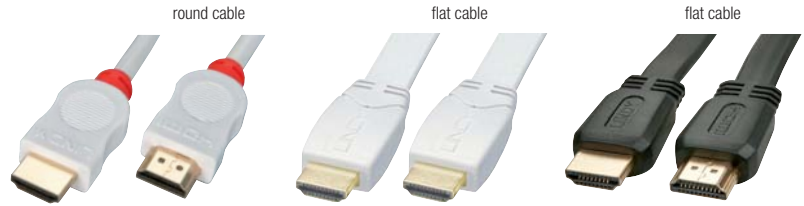
HDMI	7.5m	10m	15m	20m
	41 115	41 116	41 117	41 118

HDMI SUPER LONG DISTANCE SOLUTIONS

Normal HDMI cables work reliably up to 5m. Longer distances of up to 20m can be bridged with optimized cable material, provided that the HDMI signal source sends a stable quality signal. Onboard graphic cards often found on motherboards and in notebooks may have a weaker HDMI signal and may have issues sending signals over great distances. The LINDY High Speed HDMI Hybrid Cable can be used when bridging longer distances. See page 243.

Classic HDMI High Speed Cable

- Molded, fully shielded
- HDMI 2.0 CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth - Deep Color, etc.
- *41165: Standard HDMI cable, Full HD 1080p



HDMI

	0.5m	1m	2m	3m	4.5m	5m	7.5m
HDMI Type A male / male round cable, white	41 377	41 378	41 379	41 380	41 381	-	-
HDMI Type A male / male flat cable, white	41 160	41 161	41 162	41 163	-	41 164	41 165*
HDMI Type A male / male flat cable, black	41 187	41 188	41 189	41 190	41 191	-	-

CROMO Slim HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0 and CAT2 HEC compatible
- Supports resolutions up to 2560 x 1600p, 4K and 3D
- Supports increased color depth and HDR – Deep Color, 3D formats
- *starting 3m: active version with chipset (longer connector)



HDMI

	0.3m	0.5m	1m	2m	3m	4.5m
CROMO HDMI Type A male / A male	41 669	41 670	41 671	41 672	41 675*	41 676*
CROMO HDMI Type A male / Micro HDMI Type D male	-	41 680	41 681	41 682	41 678*	41 684*

Basic HDMI High Speed Cable

- HDMI Type A, male / male, round cable
- Budget version, HDMI 2.0 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



0.5m	1m	2m	3m	5m
41 394	41 395	41 396	41 397	41 398

Flexible HDMI High Speed Cable

- HDMI Type A, male / male
- High Speed HDMI 2.0 and CAT2 HEC compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



HDMI

1m	2m	3m	5m
41 515	41 516	41 517	41 518

HDMI Power Injector

- HDMI Male A / Female A (~15cm), USB A power (~15cm)
- Injects additional 5V power into HDMI
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats



41080

HDMI Cable with Ethernet & Connector Lock – Super Long Distance

- HDMI Type A male / male with connector lock, on one connector
- Standard HDMI 2.0 and CAT2 HEC compatible (with Ethernet)
- FullHD 1080p, *4K 30Hz



HDMI

10m	15m	20m
41 465*	41 466*	41 467

HDMI to DisplayPort or VGA

- DisplayPort: HDMI 2.0 and DisplayPort 1.2 compatible
- VGA: HDMI 2.0 and VGA compatible (no HDCP support)

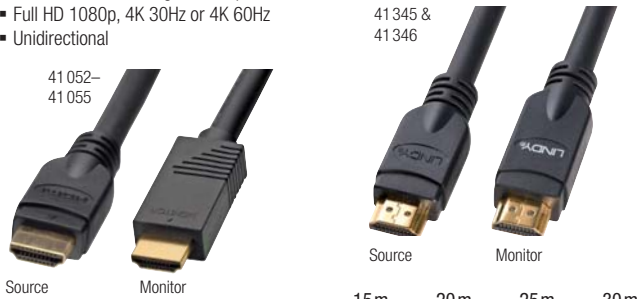


LEARN MORE → 214

	1m	2m	3m	5m
HDMI Type A male / DisplayPort	41 485	41 486	41 487	-
HDMI Type A male / VGA	41 455	41 456	41 457	41 458

High Speed HDMI Active Cable

- HDMI Type A male / male
- Active cable with integrated amplifiers
- Full HD 1080p, 4K 30Hz or 4K 60Hz
- Unidirectional



	15m	20m	25m	30m
Source				
Monitor				
4K 30Hz	41052	41053	41054	41055
4K 60Hz	41345	41346	-	-

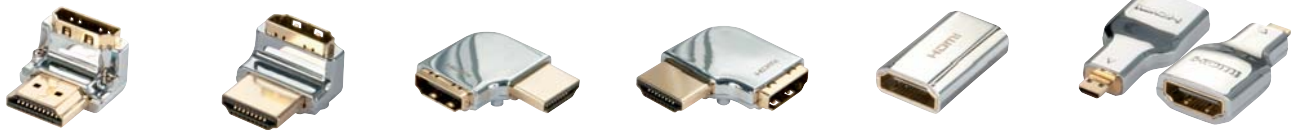
High Speed HDMI Hybrid Cable up to 150m

- HDMI Type A male / male
- Hybrid cable, fiber optic & copper
- Full HD 1080p, 4K 30Hz, HDMI 1.4a 3D, 2.0 compatible
- Metal connector with electronics, not removable



	20m	30m	40m	50m	60m	70m	80m	90m	100m	150m
4K 30Hz	38070	38071	38072	38073	38074	38075	38076	38077	38078	38079

CROMO HDMI Adapter



HDMI Adapter 90° male / female "down"	HDMI Adapter 90° male / female "up"	HDMI Adapter 90° male / female "right"	HDMI Adapter 90° male / female "left"	HDMI Coupler (Type A)	HDMI to Micro HDMI Adapter (A female / D male)
41 505	41 506	41 507	41 508	41 509	41 510

Premium HDMI Adapter



HDMI Coupler	HDMI Port Saver (Type A)	HDMI to Mini HDMI Adapter	HDMI to Mini HDMI Adapter	Mini HDMI to Micro HDMI Adapter	HDMI to Micro HDMI Adapter	HDMI Adapter cable 0.15 m	HDMI NON-CEC Adapter
A female / A female	A male / A female	A female / C male	A male / C female	C female / D male	D female / A male	D male / A female	A male / A female
41230	41231	41235	41236	41296	41083	41298	41232

HDMI Angled Adapters



HDMI Adapter 90° male / female "down"	HDMI Adapter 90° male / female "up"	HDMI Adapter 90° male / female "right"	HDMI Adapter 360° male / female flexible
41 085	41 086	41 087	41 096

HDMI to VGA Adapter



LEARN MORE → 214

- Converts HDMI to VGA for Ultrabooks, etc.
- Active converter with VGA connector
- No scaling between input and output signal
- Supports up to 1080p – (not HDCP)

Standard HDMI Type A to VGA Adapter	38191
Mini HDMI Type C to VGA Adapter	38192
Micro HDMI Type D to VGA Adapter	38193
HDMI Type A to VGA Adapter (plug-in adapter)	38194

HDMI to VGA & Audio Adapter



LEARN MORE → 214

- Converts HDMI to VGA. For Ultrabooks etc.
- Short active converter cable with VGA and 3.5mm stereo jack
- No scaling between input and output signal
- Supports up to 1080p – (not HDCP)

HDMI to VGA & Audio converter	38185
Mini HDMI Type C to VGA & Audio converter	38186
Micro HDMI Type D to VGA & Audio converter	38187

Active MHL to HDMI Adapter



For MHL compatible smartphones and HDMI devices without integrated MHL function

MHL Adapter Micro-B 5 pin to HDMI, active	41561
MHL 2.0 Adapter Micro-B 11 pin, active	41562
MHL 3.0 Adapter Micro-B 11 pin, active	41563
USB Micro-B 5 to 11 pin Adapter	41570

Active Slim Port to HDMI Adapter, 0.15m

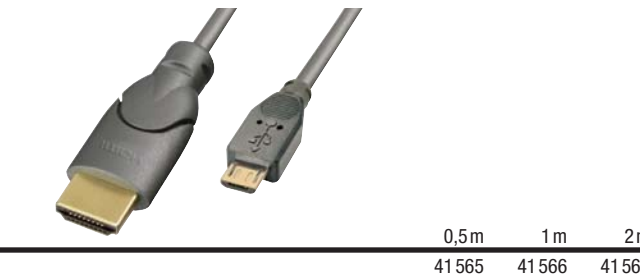


- SlimPort/MyDP Male: USB 2.0 Micro-B 5 pin male to HDMI 19 pin Type A female
- Additional USB 2.0 Micro-B female for charging
- Supports resolution up to Full HD 1080p

	41571
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Passive MHL Cable

- HDMI Type A male / USB Micro-B male
- For MHL compatible smartphones and HDMI devices with integrated MHL



	0,5m	1 m	2m
	41565	41566	41567

GOLD DisplayPort 1.2 Cable

- DisplayPort 1.2 male / male
- Gold plated connector, fully shielded
- Cable made of crystalline almost oxygen-free copper material
- Supports resolutions up to 4K 60Hz (*4K 30Hz), 4096 x 2160 up to 5.4Gbit/s x 4 lanes



25 YEAR GUARANTEE

	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m
	37800	37801	37802	37803	37804	37805	37806	37807*	37808*

CROMO DisplayPort 1.2 Cable

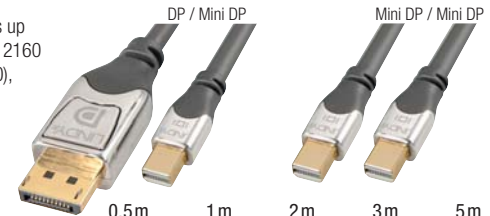
- DisplayPort 1.2 male / male
- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes



	0.5m	1m	2m	3m	5m
	41530	41531	41532	41533	41534

CROMO Mini DisplayPort 1.2 Cable

- Supports resolutions up to 4K 60Hz, 4096 x 2160 (*up to 2560 x 1600), up to 5.4Gbit/s x 4 lanes



	0.5m	1m	2m	3m	5m
DP / Mini-DP	41550	41551	41552	41553*	41554*
Mini-DP / Mini-DP	41540	41541	41542	41543*	41544*

Basic DisplayPort 1.2 Cable

- Male / male
- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes



	1m	2m	3m
	41635	41636	41637

Super Long Distance DisplayPort Cable

- Supports resolutions up to 4K 60Hz, 4096 x 2160 (*4K 30Hz, **up to 2560 x 1600) up to 5.4Gbit/s x 4 lanes



	7.5m	10m	15m	20m
	41324	41325	41326*	41327**

DisplayPort 1.2 Cable & Extension Cable

- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes



	1m	2m	3m	5m
Male / male	41630	41631	41632	41633
Male / female	41623	41624	41625	-

Mini DisplayPort / DisplayPort Cable

- Supports resolutions up to 4K 60Hz (*4K 30Hz), 4096 x 2160 up to 5.4Gbit/s x 4 lanes



	1m	1.5m	2m	3m	5m
Mini DisplayPort Cable male / female	-	41036	-	-	-
Adapter Cable Mini DP male / DP male, white	41056	-	41057	41058*	41059*
Adapter Cable Mini DP male / DP male, black	41645	-	41646	41647*	41648*

DisplayPort to HDMI, DVI or VGA Adapter Cable

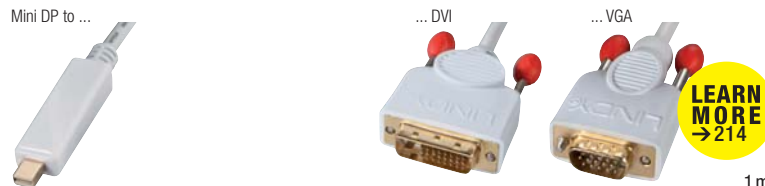
Active converter cable



	0.5m	1m	2m	3m	5m
DP male / DVI male	-	41 490	41 491	41 492	41 493
DP male / VGA male	-	41 470	41 471	-	41 473
DP male / HDMI male	-	41 480	41 481	41 482	41 483
DP male / HDMI male, 4K 30Hz	NEW	41 715	41 716	41 717	-
Mini DP male / HDMI male, 4K 30Hz	NEW	41 720	41 721	41 722	-

Mini DisplayPort to DVI or VGA Adapter Cable, white or black

Active converter cable



	1m	2m	3m	5m
Mini DP / DVI, white	41 495	41 496	41 497	-
Mini DP / VGA, white	41 475	41 476	41 477	-
Mini DP / DVI, black	41 695	41 696	41 697	41 698
Mini DP / VGA, black	41 685	41 686	41 687	41 688

HDMI to DisplayPort Adapter Cable

- Converts HDMI to DP
- Supports HDMI resolution up to 4K30Hz (3840 x 2160p30) or DVI up to 1920 x 1200



1m	2m	3m
41485	41486	41487

HDMI to DisplayPort Converter

- Converts to DP
- Supports HDMI up to 4K (3840 x 2160p30) or DVI up to 1920 x 1200



38146

Mini DisplayPort to Dual Port, active



Mini DP male / 2x DVI female	41731
Mini DP male / 2x HDMI female	41732

Thunderbolt Cable

- Male / Male (20 pin Mini DP)
- Dual Channel, Thunderbolt 2
- Data transfer rate 10Gbit/s per channel
- Chipset: Gennum



0.5m	1m	2m	3m
41710	41711	41712	41713

Mini DisplayPort & DisplayPort 4K Adapter



Mini DP to HDMI 4K30 / DVI / VGA	41 035
Mini DP to DP 4K60 / HDMI 4K30 / DVI	41 039
Mini DP to HDMI 4K & VGA, active	41 726

Mini DisplayPort & DisplayPort Adapter



Adapter DP & Mini DP to DVI Dual Link female	41 038
Adapter Cable Mini DP to HDMI & DVI-D & DP female	41 049
Adapter Cable Mini DP male to VGA, HDMI & DVI-D female	41 050
Mini DP male / VGA & HDMI female	41 043

Short DisplayPort Adapter Cable



Mini DP male / DVI-D female	41 013
Mini DP male / HDMI female	41 014
Mini DP male / VGA female	41 015
DisplayPort male / HDMI female	41 005
DisplayPort male / DVI female	41 004

Eyefinity / Surround / Collage Adapter Cable, active



Mini DP male / DVI-D female, active	41 725
Mini DP male / HDMI female, active	41 724
Mini DP male / VGA female, active	41 725
DisplayPort male / DVI-D female, active	41 011
DisplayPort male / VGA female, active	41 006

Short DisplayPort Adapter Cable 4K



Mini DP 1.2 to HDMI 4K 30Hz, active	41 728
DP 1.2 to HDMI 4K 30Hz, active	41 728
DP 1.2 to HDMI 4K 30Hz, passive	41 718
Mini DP 1.2 to HDMI 4K 30Hz, passive	41 719

Mini DisplayPort / DisplayPort Adapter



DisplayPort Double Coupler	41 020
Mini DP male / DP female	41 022
DP male / Mini DP female	41 060
DP male / Mini DP female	41 089

COMPLETELY SHIELDED

LINDY provides a wide range of high quality KVM cables that are not only compatible with LINDY KVM switches. These cables and connectors are molded and are completely shielded. The monitor signals for the RGB signals are transmitted via coax wires. Our combined KVM cables, PS/2 or USB cable ends are extended 8cm in length to prevent from unintentional pulling of cables out of their sockets.

3 in 1 KVM Cable PS/2 & VGA, male / male

- VGA HD-15 pin & 2 x PS/2 MD-6 pin male / male, 1:1
- For many LINDY KVM switches and similar models with VGA & PS/2 female sockets
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer



For:



1m	2m	3m	5m
33711	33712	33713	33714

3 in 1 KVM Extension Cable PS/2 & VGA



- VGA HD-15 pin & 2 x PS/2 MD-6 pin male / female for all connectors, 1:1
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

2m	3m	5m	10m
33732	33733	33734	33736

3 in 1 KVM Cable PS/2 & VGA



For:



- VGA HD-15 pin male / female & 2 x PS/2 MD-6 pin male / male
- For KVM switch model Classic 8 and older models LITE and similar
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

1m	2m	3m
33751	33752	33753

3 in 1 KVM System Cable PS/2

- 1x system VGA HD-15 pin to 1x VGA HD-15 & 2x PS/2 MD-6 pin male / male
- System cable, PS/2 signals integrated in the HD15 connectors on KVM side
- For LINDY KVM switch P-series, U-series, KVM LCD terminal series with integrated U-series KVM and similar models
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

For:



1m	2m	3m	5m
32510	32506	32507	32508

2 in 1 KVM System Cable USB

- 1 x system VGA HD-15 pin to 1 x VGA HD-15 pin & 1 x USB A male / male
- System cable, USB signals integrated in the HD15 connectors on KVM side.
- For LINDY KVM switch U-series, KVM LCD terminal series with integrated U-series KVM and similar models
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, USB cable ends ~30cm



	1 m	2 m	3 m	5 m
	33530	33531	33532	33533

KVM Combo Series

- For LINDY KVM Switches Combo series
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, USB/PS/2 cable ends ~30cm



System cable, USB signals integrated in the HD15 connectors on KVM side.



System cable, PS/2 and USB signals integrated in the HD15 connectors on KVM side.



	1 m	2 m	3 m	5 m
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A male / male	33770	33771	33772	33773
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A & 2x PS/2 male / male	-	33774	-	-

USB - PS/2 Converter

- USB-PS/2 Converter 2x PS/2 female – USB Type A male
- Use this adapter to connect a USB computer (PC, MAC, SUN) via USB ports to a PS/2 KVM switch



2 YEAR GUARANTEE

42866

**MORE KVM SYSTEM CABLES
I.E. FOR LINDY CPU SWITCH
MULTIMEDIA, SMART,
SUN, MAC, PC ETC.**

... latest products at LINDY.com

Apple Mac Printer Cable

- 8 pin Mini-DIN cable, male / male
- LINDY design, molded and fully shielded
- Pinout is not 1:1!



	2 m	5 m
	31531	31534

SUN & Mac Cable, 8 Pin Mini DIN

- 8 pin Mini DIN cable
- LINDY design, molded and fully shielded
- Pinout 1:1



	2 m	5 m
Male / Male, 1:1 connected	31532	31539
Male / Female, 1:1 connected	31533	33051

Premium Printer Cable EPP/ECP

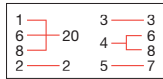
- LINDY design, molded and fully shielded



	1 m	2 m	3 m	5 m	10 m
Sub-D 25 male / Centronics 36 male	-	31 304	31 306	31 308	31 310

Serial Printer Cable (DTE)

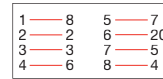
- Sub-D 9 pin female / Sub-D 25 pin male
- Compatible with IBM PC/AT and for printers with RS-232/V24 (DTE) serial interface, i.e. Epson, Oki, Fujitsu, Seikosha, Mikroline, Star, ...
- LINDY design, molded and fully shielded



2m
30293

Serial Printer Cable (DTE)

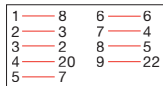
- Sub-D 9 pin female / Sub-D 25 pin male
- RS232 DTE cable
- LINDY design, molded and fully shielded



2m
30165

PC-AT to Modem 25 Pin RS232 / V24 (DCE)

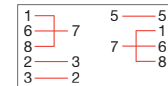
- Sub-D-9 pin female / Sub-D 25 pin male
- Modem adapter cable
- LINDY design, molded and fully shielded



2m
30160

Null Modem Cable PC – PC Connection

- Sub-D 9 pin female / female
- LINDY design, molded and fully shielded



2m 3m 5m 10m
31573 31577 31578 31579

Serial Cable 1:1, PC – Modem, 9 Pin

- LINDY design, molded, fully shielded



	0.5 m	2 m	3 m	5 m	10 m	20 m
Sub-D 9 pin male / female	31 518	31 519	31 520	31 525	31 522	31 523
Sub-D 9 pin male / male	-	31 510	31 524	31 527	31 526	-
Sub-D 9 pin female / female	-	30 172	-	-	-	-

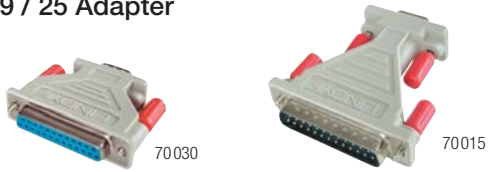
Serial Connection Cable 1:1, PC – Modem, 25 Pin

- LINDY design, molded, fully shielded



	0.5 m	2 m	3 m	5 m	10 m
Sub-D 25 pin male / male	-	31 354	31 356	-	-
Sub-D 25 pin male / female	31 371	31 374	31 376	31 378	31 380

Sub-D 9 / 25 Adapter



Connector 1	Connector 2	
25 pin D-male with screws	9 pin D-female with screws	70015
25 pin D-female with screws	9 pin D-male with sockets	70030

Midi/Joystick Sub-D 15 Cable



- Midi/Joystick cable Sub-D 15 pin male / female
 - LINDY design, molded and fully shielded
- 2m
30215

Serial / Parallel Slot Plate Adapter



pin out 33 136

Sub-D	IDC	Sub-D	IDC	Sub-D	IDC
1	1	4	7	7	4
2	3	5	9	8	6
3	5	6	2	9	8

Sub-D 9 pin male / IDC (2 x 5), serial 1:1 connected, ~25 cm	33 135
Sub-D 9 pin male / IDC (2 x 5), pins connected as shown, ~25cm	33 136
Sub-D 25 pin female / IDC (2 x 13), ~30 cm	33 072

37 Pin Sub-D Cable



- Sub-D 37 pin cable, male / female
 - Molded, shielded
- 2m
30263

Double Hex Nuts

- Double Hex Nuts, 5 pairs / 10 pcs
- Used to connect the screws of two connectors



62050

Internal SCSI Adapter Narrow Wide

- IDC 50 pin male / HPD 68 pin male
- Without termination, internal



70272

Internal SCSI Terminator U2/3W/Ultra320 LVD/SE

- HPD 68 pin female
- Terminator internal
- LVD / Ultra 320



70447

Sub-D 9/15/25/37 - Mini Adapter / Gender Changers



6 pin Mini-DIN female to 6 pin Mini-DIN female

70342



9 pin Sub-D male to 9 pin Sub-D male

70071



9 pin Sub-D male to 9 pin Sub-D female

70082



9 pin Sub-D female to 9 pin Sub-D female

70072



9 pin Sub-D male to 15 pin HD female

70343



9 pin Sub-D male to 25 pin Sub-D female

70345



25 pin Sub-D male to 25 pin Sub-D male

70073



25 pin Sub-D female to 25 pin Sub-D female

70074



36 pin Centronics male to 36 pin Centronics male

70077

Internal IDE/ATA Cable

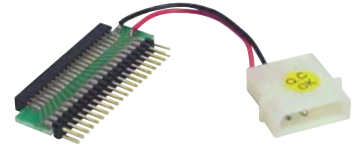
- 3x IDC 40 pin female
- Flat cable
- ATA/133, 80 pin



33156

2.5" HDD Adapter to IDE/ATA

- HDD 2.5" to IDE 40 pin
- For notebook hard drives



70199

SATA Adapter for IDE Drives



51020



51019

SATA adapter to connect IDE/ATA drives (HDD & ODD) to SATA bus

Premium version, Silicon Image chipset, with cables	51020
Lite version, JMicron Chipset, without cable	51019

IDE Adapter for SATA Drives



Connect SATA drives to the IDE bus, Lite version, JMicron chipset

51025

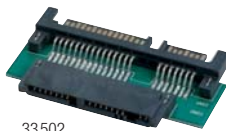
SATA Adapter for IDE/ATA mainboards



Provides two SATA ports to connect two SATA drives to one mainboard IDE port

51024

SATA Adapter

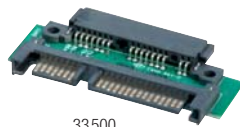


33502

Micro SATA to SATA adapter

Connects SSDs and 1.8" HDDs with Micro SATA connector to SATA docking stations and enclosures or backplanes with standard SATA 22 way connector

For micro SATA device	33500
With 3.3V transformer chip	33502



33500



33503

Slim SATA to SATA adapter

Connects optical drives with Slim SATA connector to standard SATA 22 way connector/cable

33503

SATA 2.5" Adapter Frame/Enclosure



mSATA & M.2 to SATA 2.5" Adapter Enclosure

- Height: 9.5mm
- Suitable for mSATA or M.2 SSDs
- Can also be used with adapter 43119 as external enclosure

20939

IDE/SATA 2.5" adapter/enclosure



mSATA to IDE/SATA 2.5" Adapter

- Adapter frame with 2.5" IDE/SATA HDD format
- Can also be used without a frame, mSATA to SATA



mSATA to SATA 2.5" Adapter Enclosure

- 7mm height, suitable for Ultrabooks
- As external enclosure when used with adapter 43119



Micro SATA to SATA 2.5" Enclosure

- Use micro SATA SSDs or 1.8" HDDs on notebooks or docking stations (also without 3.3V) via standard SATA connector
- Height: 9.5mm



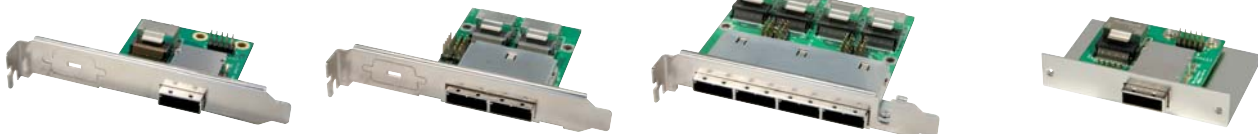
m.2 NGFF to SATA Adapter with 2.5" Adapter frame

- Adapter for m.2 NGFF (Next Generation Form Factor) Install SSDs into a 2.5" SATA frame
- 7mm height, suitable for Ultrabooks

SATA 7 mm	20959	20933	20932	20934
SATA 9.5 mm	20972			
IDE 7 mm	20937			

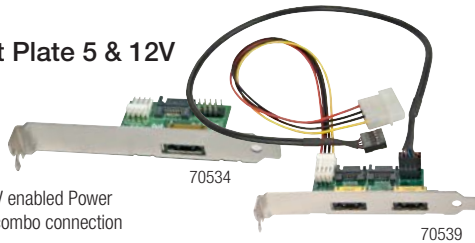
Mini-SAS Adapter SFF-8087 (internal) to SFF-8088 (external)

- Connectors: – 36 pin internal 4-channel Mini-SAS SFF-8087 connector (internal)
 – 26 pin external 4-channel Mini-SAS SFF-8088 connector (external)
- Sideband connections are not available on the external SFF-8088 connector



Mini-SAS slot plate adapter host	Mini-SAS slot plate adapter host	Mini-SAS slot plate adapter host	Mini-SAS housing adapter
<ul style="list-style-type: none"> 1 x SFF-8087 (internal) to 1 x SFF-8088 (external) 2 slot plates: standard & low profile 	<ul style="list-style-type: none"> 2 x SFF-8087 (internal) to 2 x SFF-8088 (external) 2 slot plates: standard & low profile 	<ul style="list-style-type: none"> 4 x SFF-8087 (internal) to 4 x SFF-8088 (external) 	<ul style="list-style-type: none"> 1 x SFF-8087 (internal) to 1 x SFF-8088 (external)
21 940	21 941	21 942	21 943

eSATAp Slot Plate 5 & 12V



- Provides 5V & 12V enabled Power eSATAp/USB 2.0 combo connection

eSATAp slot plate adapter 5 & 12V, 2 slot plates: standard & low	70 534
2 ports eSATAp slot plate adapter 5 & 12V	70 539

eSATA/SATA Slot Plate Adapter

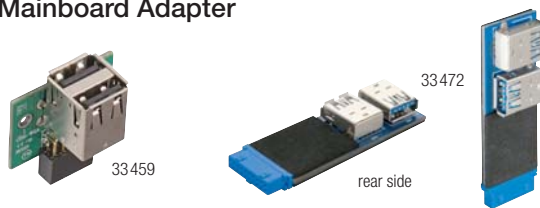
- Internal SATA 7 pin latch type male to eSATA female slot plate.
- The total cable length from internal SATA connectors, including internal + external cable must not exceed 1m!



10 YEAR GUARANTEE

1 x eSATA/SATA slot plate adapter classic, ~25 cm	33 234
1 x eSATA/SATA slot plate adapter low profile, latch type, ~25 cm	33 237

USB Mainboard Adapter



- Adapts the USB pin header connector on the mainboard to two USB type A connectors.

USB 2.0 mainboard adapter IDC 2x5	33 459
USB 3.0 mainboard adapter IDC 2x10	33 472

USB 3.0 & eSATA to 5x SATA RAID Adapter

- Connection via a single USB 3.0 cable or via a single eSATA cable
- Combines 5 SATA drives to a hardware RAID array
- Supports RAID 0, 1, 3, 5, 10, JBOD, BigDrive and individual drives



	51 158
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SATA & SAS - STORAGE CONNECTION TECHNOLOGY

SATA – Serial ATA: May 2009, the SATA 3.0 specification was introduced with a data transfer rate of up to 6Gbit/s with existing cables. **SATA and SAS:** SATA HDDs can be used in SAS systems as lower cost alternatives. But SAS HDDs can't be used on SATA controllers / ports. They don't support the SATA protocol. **SATA Port Multiplier:** provide the option to connect up to 5 drives to one SATA port. The host controller must support the port multiplier feature! **SAS – Serial Attached SCSI:** SAS now has replaced the old parallel SCSI. SAS is based on the SCSI architecture, it uses high speed connections based on SATA technology for high performance, reliability and scalability. SAS connections are based on the SATA protocol but introduce further features. SAS defines a dual data channel connection for enhanced performance and optional connectivity to two different host systems. SAS HDDs require dual channel SAS SFF-8482 connectors and can't be used with standard SATA 22 pin connectors.

Internal SATA & SAS Cable
SATA 1.5Gb/s, 3Gb/s, 6Gb/s and SAS compliant

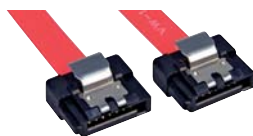


33369-33372

33441-33444

	0.2m	0.5m	0.7m
SATA 7 pin male / male	33369	33370	33371
SATA 7 pin male / male (1x angled)	33441	33443	33444

- Very short connector version (alternative to angled version)



0.2m 0.5m 0.7m

7 pin latch male / male	33559	33560	33561
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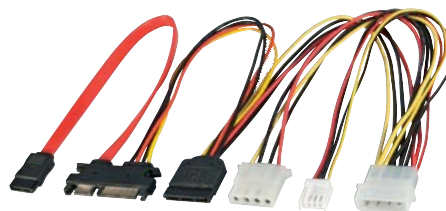
0.2m 0.5m 0.7m 1.0m

SATA 7 pin latch male / male	33449	33450	33451	33452
SATA 7 pin latch male / male (1x angled)	33454	33456	33457	33458

SATA Splitter Cable

SATA Extension Cable with SATA 22 pin HDD type connector to SATA 7 pin Male + various power connectors

- Also for use in SATA docking stations when IDE HDDs must be connected via SATA/IDE adapter



0.3m
33440

Internal SATA Combo Cable with power

- SATA HDD combo 22 pin connector SFF-8482 to SATA 7 pin Male & 5.25" power connector (male)
- Not for SAS drives



0.3m 0.5m 1.0m

With 4 pin molex power connector	33364	33365	33367
With SATA power connector	33383	33384	-

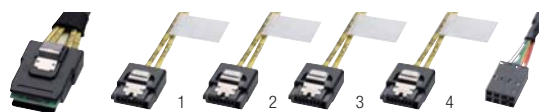
- Slim SATA 7+6 (Slimline DVD) to 7 pin SATA + power 5.25"



0.3m 0.5m 1.0m

	33607	33608	33609
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Internal Mini-SAS Cable SFF-8087 to 4x SATA male



- Mini-SAS 36 pin SFF-8087 male to 4x SATA male (latch type) and sideband connector

0.5m 1.0m

	33505	33506
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INTERNAL SATA, SAS, SLIM SATA AND MICRO SATA CONNECTORS

Besides the standard 7 pin SATA data connectors, standard combo 22 pin SATA data & power connectors are also commonly used. There are 4 different types: **22 pin standard SATA combo connector (SFF-8482)** – for most SATA 2.5"/3.5"/5.25" devices **29 pin standard SAS combo connector 2 channel (SFF-8482, often named SFF-8482-x2 or -2i)** – Standard SATA combo connector 22 pin does not fit to SAS devices! **13 pin Slim SATA combo connector** – for many slimline optical DVD/CD/BD drives **16 pin Micro SATA combo connector** – for 1.8" SATA HDDs and SSDs (Micro is wider than Slim SATA connector)



22 pin standard
SATA combo connector SFF-8482



29 pin SAS combo connector SFF-8482
2 channel



13 pin Slim
SATA combo connector



16 pin
Micro SATA combo connector

Internal SATA/SAS Multilane 4 Port Cable

- Mini-SAS 36 pin SFF-8087, male / male
- With sideband function



1 m

33496

- 2x Mini-SAS 36 pin SFF-8087 male to 2x Mini-SAS 36 pin SFF-8087 male
- Internal dual 4i Mini-SAS cable SFF-8087
- 2x male with sideband function

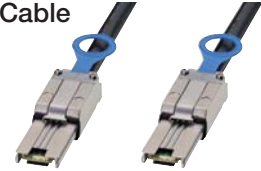


1 m

33498

External SAS/SATA Multilane Cable

- SFF-8088 male to SFF-8088 male



0.5 m

33640

1 m

33641

2 m

33642

5 m

33644

- SFF-8470 with screws male to SFF-8088 male



1 m

33631

External eSATA & Adapter Cable

- 2x eSATA male / male shielded



0.5 m

33479

1.0 m

33480

2.0 m

33481

External Power-over-eSATA Cable

- eSATAp: combo connector eSATA & power & USB 2.0 male / male
- 5V & 12V



0.5 m

33682

Power-eSATAp 5V/12V Hard Drive Cable

- Power-eSATAp to 22 pin SATA HDDconnector
- Connect HDDs/SSDs/ODDs to eSATAp ports
- 5 & 12 V only available on 5 & 12V eSATAp ports!



1.0 m

33626

2.0 m

33627

External eSATAp / USB Splitter Cable

- Power-eSATAp 5V combo connector to eSATA male & USB A female



1 m

33685

eSATA & eSATAp CONNECTORS

eSATA connectors are not compatible with the first externally used internal SATA connectors. In addition, eSATA ports feature an enhanced electric robustness and cable lengths up to 2m, compared to the usual 1m. In 2008, Power-Over-eSATA (eSATAp) ports and cables came into the market, a combined eSATA and USB 2.0 port. It can be used either as an USB 2.0 port, an eSATA port or a combined Power-Over-eSATA port providing the 5V power from the USB section.

eSATAp 5V & 12V enabled eSATAp port has been introduced to support also 12V, i.e. for 3.5" HDDs. Power over eSATA (eSATAp) is found in many laptops (DELL, Asus, etc.) but is not officially standardized. eSATAp combines eSATA and USB port. The 5V power supply from the USB port can be used when using eSATAp connectors. An extension is the eSATAp 5 & 12V connection. This has 12V contacts on the side and is fully compatible, 12V is only sent via the corresponding connectors and cables.



External eSATA connector



Power-over-eSATA connector



eSATA



eSATAp



eSATAp 5 & 12V

Power Cable for PCIe ATX



from	1 x PCIe 6 pin female	1 x PCIe 6 pin male	1 x ATX 8 pin male
to	1 x PCIe 8 pin male	1 x PCIe 6 pin female	2x 5.25" female
length	~15cm	~20cm	~15cm
	33858	33861	33862

SATA Power Cables & Adapters



from	1 x 5.25" male	1 x 5.25" male	1 x SATA 15 pin male	1 x 5.25" male
to	1 x SATA 15 pin female	2x SATA 15 pin female	1 x 5.25" female	1 x SATA 15 pin female 90°
length	~ 15 cm	~ 15 cm	Adapter	~ 15 cm
	33298	33299	70390	33615



from	1 x 5.25" male	1 x floppy power cable	2 x SATA 15 pin male	2 x SATA 15 pin male
to	2x SATA 15 pin female 90°	1 x SATA 15 pin female	1 PCIe 6 pin male	1 PCIe 8 pin male
length	~ 15 cm	~ 15 cm	~ 15cm	~ 15 cm
	33616	33297	33859	33860



from	3 x 5.25" female	1 x SATA 15 pin male	1 x SATA 15 pin male	1 x 5.25" male
to	1 x SATA 15 pin male	3x SATA 15 pin female	2x 5.25" female	1x SATA female/1 x 5.25" female
length	~ 15 cm	~ 15 cm	~ 15cm	~ 15 cm
	33277	33278	33288	33289

Mainboard Power Cable



from	eATX/BTX, 24 pin male	eATX/BTX-ATX, 20 pin male	ATX, 20 pin male	+12 V ext. cable, 4 pin male	+12V ext. cable, 8 pin male
to	female	24 pin female	female	female	female EPS/eATX/BTX
length	~ 40 cm	~ 40 cm	~ 40 cm	~ 30 cm	~ 40 cm
	33223	33222	33143	33130	33163

Internal Power Cable

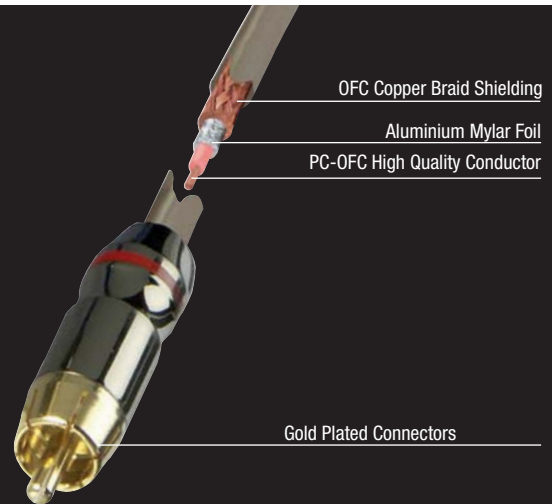


for...	Molex	Molex	PCIe/ATX/SLI	2 CPU fan to 1 CPU fan connector
from	1x 5.25" male	1x 5.25" male	2x 5.25" male	1x IDC3 male / 1 x IDC2 male
to	2x 5.25" female	1x 3.5" female +1x 5.25" female	6 + 2 pin male PCIe-/ATX-SLI	IDC 3 female
length	~ 25 cm	~ 25 cm	~ 40 cm	~ 6 cm
	33126	33127	33159	33149

GOLD

HIGH QUALITY CONNECTIONS FOR HOME CINEMA, HOME THEATER, HIFI AND AUDIO-VIDEO

Advanced audio and video cables designed to provide superb clarity, definition and detail even over very long distances. Manufactured using highest quality pure crystal oxygen free copper conductors aluminium mylar foil wrap and low attenuation cable for the most consistent reliable performance. Gold plated connectors for excellent signal transfer and the highest resistance to tarnishing and corrosion.



GOLD Composite Video and Coaxial Digital SPDIF Cable

- COAX cable for high quality HiFi and home cinema connection
- Gold plated connector for excellent signal transfer
- Shielded coaxial cable, 75 Ohms
- Pure Crystal, almost oxygen-free copper (PC-OFC Copper), 2x AWG26 / 0.13 mm²

25 YEAR GUARANTEE

	0.5m	1m	2m	3m	5m	10m	15m	20m
1 x RCA Cinch male/male, (audio/video)	37895	37896	37897	37898	37899	37900	37901	37902



GOLD TosLink Cable

- Optical SPDIF cable for high quality HiFi and home cinema connection
- TosLink metal connector with precise bronze ferrule and protective fiber cap
- Gold plated connector
- Triple jacket highly protected cable with 1mm PMMA plastic fiber

25 YEAR GUARANTEE

	0.5m	1m	2m	3m	5m	10m	15m	20m	30m	40m	50m
Male/Male	37880	37881	37882	37883	37884	37886	37887	37888	37889	37890	37891



Premium TosLink / Mini-Optical Cable

- Plastic connector with metal ferrule, protective cap for the fiber
- Double jacket cable



	1m	2m	5m
	35221	35222	35224

TosLink Cable

- TosLink plastic connector with metal ferrule, protective cap for the fiber
- Single jacket cable ferrule,



10 YEAR GUARANTEE

	0,5m	1m	2m	5m	10m	20m
	35210	35211	35212	35214	35215	35217

Optical Adapters & Couplers



TosLink female / Mini-optical male

70412



Mini-optical female / TosLink male

70413



TosLink female / female

70414



TosLink male / couplers, 90° angled adapter

70421

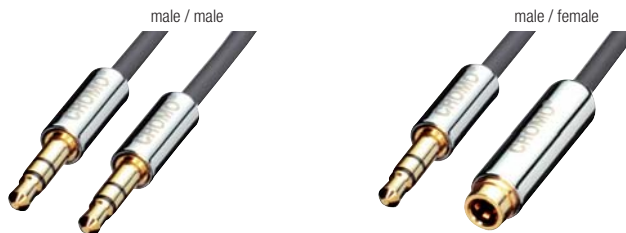


Mini-optical female / female

70415

CROMO Audio Cable

- Gold plated
- Flexible stereo cable, double shielded
- TPE, PVC free, halogen free
- AWG28, cable diameter 3.0 mm



	0.5m	1m	2m	3m	5m	10m
3.5 mm stereo jack male / male	35300	35301	35302	35303	35304	35306
3.5 mm stereo jack male / female	–	35291	35292	35293	35294	35296

Premium Audio Cable

- Stereo twin cable
- Conductors individually shielded
- Cable diameter
2 x AWG28, 2x 0.08 mm²



	0.25m	1m	2m	3m	5m	10m	20m
3.5 mm stereo jack male / male	35450	35451	35452	35453	35454	35455	35458
3.5 mm stereo jack male / female	–	–	35462	35463	35464	35465	–
2 x RCA cinch male / 2 x RCA cinch male, gold plated	–	35470	35471	35472	35473	35474	35476
2 x RCA cinch male / 2 x RCA cinch female, gold plated	–	–	35481	–	35483	35484	–
3.5 mm stereo jack male / 2 x RCA cinch male, gold plated	–	35490	35491	35492	35493	35494	35496

Premium Audio Adapter Cable



2.5 mm stereo jack male / 3.5 mm female	35548	~ 20cm	3.5 mm stereo jack female / 2 x RCA male	35487	~ 25cm
3.5 mm stereo jack male / 2.5 mm female	35549		3.5 mm stereo jack male / 2 x RCA female	35488	

Premium Audio Adapter




3.5 mm female to 6.3mm stereo jack male	35532	3.5 mm stereo jack male to 6.3 mm female	35531	2 x RCA female to 6.3 mm stereo jack male	35512	2 x RCA female to 3.5 mm stereo jack male	35511	3.5 mm stereo jack to 2 x 3.5 mm female	35530	3.5 mm stereo jack to 2 x 3.5 mm female, 6 cm	35528	3.5 mm female to 2.5 mm stereo jack male	35534	3.5 mm female to 2 x jack male mono	35529
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CROMO AUDIO CABLE FLEXIBLE

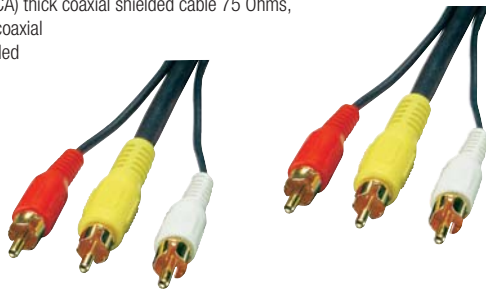
Enjoy music in premium quality not only in your living room (alternative: everywhere you go). With mobile devices you can listen to your own favorite music anytime and anywhere. But most of these mobile devices come only with inferior or short audio transmission cable - if they come with a cable at all. So what to do if you want to connect your mobile device to your home theater or car?

Just use our flexible CROMO audio cables. With their gold-plated connectors in CROMO look and their timeless anthrazit finish CROMO audio cables turn your mobile devices into eye-catchers. Their fully shielded connector together with the double-shielded cable ensure a crystal-clear transmission of your music - without limiting your flexibility.



Premium Audio & Video Cable

- 3x Cinch (RCA) male / male, gold plated
- 1 x composite (RCA) thick coaxial shielded cable 75 Ohms, + 2x audio twin coaxial
- Individually shielded



1m	2m	3m	5m	10m	20m
35540	35541	35542	35543	35544	35546

Audio & Video Adapters



3 x RCA female / 1 x RCA male (Video) + 1x 3.5 mm male (Stereo)	35538
3 x RCA female / 1 x 3.5 mm (4-segment) male	35539

Headset Adapter Cable

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- Attention: 2 electrically different versions:
Version i*: iPhone, iPad, iPod, HTC, Lenovo Notebook, ...
Version St.*: PC, Notebook, Samsung, Nokia,



i* Smartphone adapter 4 segment male / 2x 3,5mm female, white	35523	i* Headset adapter 4 segment female / 2x 3.5mm male, white	35518	St.*Smartphone adapter 4 segment male / 2x 3.5 female, black	35509	St.* Headset adapter 4 segment female / 2x 3.5 male, black	35508
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Microphone Adapter for iPad, iPhone, etc.

- Turns standard headphones into a complete headset with mic & volume control



2 YEAR GUARANTEE

35521

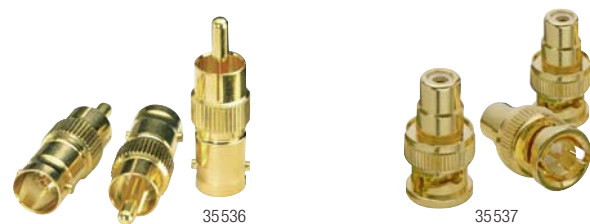
GOLD SVHS/S-Video or RCA/Cinch Couplers



25 YEAR GUARANTEE

RCA / cinch coupler gold (1 pc.)	37574
S-VHS / S-Video coupler gold (1 pc.)	37576

Premium RCA/Cinch - BNC Adapter



3x Premium RCA/Cinch male - BNC female adapter	35536
3x Premium RCA/Cinch female - BNC male adapter	35537

SCART Adapter

- With switch to select between: input or output
- S-VHS/S-Video & CV (3x RCA)



35570

SCART Switch & Splitter



35596

BNC/SDI Video Cables 75 Ohms

- BNC/SDI male / male
- Black coaxial cable, 75 Ohms or video signals
- Other lengths available on request



3m	5m	10m	15m
35524	35525	35526	35527

Premium S-VHS / S-Video Cables

- 1 x S-VHS Mini-DIN 4 pin male / male, gold plated
- Shielded



2m	5m	10m	20m
35551	35553	35554	35556

USB Charge & Sync Cable for iPad etc.



- Allows data synchronization and charging via USB ports
- Slide switch for switching between sync and charge
- Simply use with the original cable
- Length: ~1.2 m

73335

Composite AV Cable for iPhone & iPod



Movies, pictures and music can be played with this cable to the home theater, televisions, etc..

- Works on any TV, home theater receiver, or stereo receiver with composite Video/Audio connectors.
- Additional USB connector for charging and data synchronization.
- Compatible with iPhone/iPod Touch/iPod Classic/iPod Nano.

73349

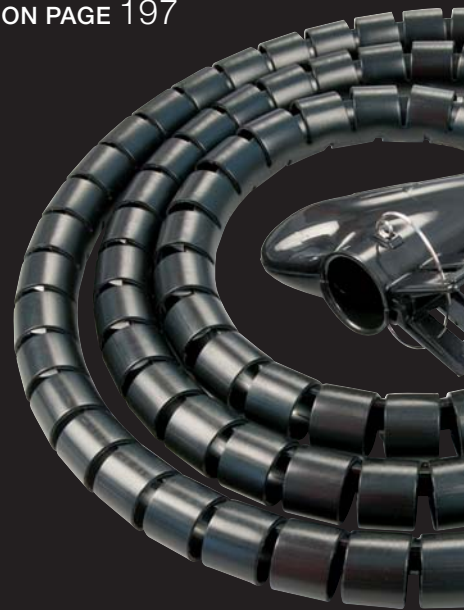
SCART to HDMI 720p HD Scaler

- Input: scart (RGB, CV & stereo)
- Automatic switching from RGB, SVHS, CV, PAL/NTSC
- Output: HDMI 720p



38101

CABLE MANAGEMENT AND OTHER CABLE MANAGEMENT SYSTEMS ON PAGE 197



... latest products at LINDY.com





POWER ACCESSORIES HIGH VOLTAGE

PC POWER SUPPLIES & TESTER 264

CHARGERS & ADAPTERS 265

POWER SUPPLIES & ADAPTERS 266

POWER CABLES 268

POWER STRIPS 269



PC Power Supply

	Basic	Basic	Basic	Basic
Output / PFC	500W / passive	550W / active	650W / active	750W / active
80+ Efficiency	no	yes	yes	yes
Connectors SATA / Molex / Floppy	3 / 2 / 1	4 / 4 / 1	4 / 4 / 1	6 / 6 / 2
Connectors CPU / SLI/PCIe	4p / -	4+4p / 6p	4+4p / 6+2p	4+4p / 6p & 6+2p
Fan, automatic	12 cm	12 cm	12 cm	13.5 cm
Noise Level	19-25dB	18-21 dB	18-21 dB	18-21dB
	73263	73267	73269	73268



PC Power Supply

	Coba CS 450	Coba CS 550	Standard	Standard
Output / PFC	450W / active	550W / active	420W / active	520W / active
80+ Efficiency	yes	yes	yes	yes
Connectors SATA / Molex / Floppy	4 / 3 / 1	4 / 3 / 1	3 / 2 / 1	4 / 4 / 1
Connectors CPU / SLI/PCIe	4+4p / 6+2p	4+4p / 6p & 6+2p	4+4p / -	4+4p / 6+2p
Fan, automatic	13.5 cm	13.5 cm	12 cm	12 cm
Noise Level	19-22dB	19-22dB	19-21dB	19-21dB
	73272	73273	73250	73251

ATX Power Supply Tester with LCD Display



Easily test your ATX power supply

- LED indicators and audible alarms provide instant results
- Connectors: 20/24 pin ATX Plug, Molex, SATA power, 4/8 pin CPU, 6 pin PCIe



POWER & ADAPTER CABLE
PAGE 256

... latest products at LINDY.com

Qi Inductive Wireless Charging



- Wireless charging of your smartphone or tablet with Qi specification*
- Maximum output power: 5V DC 1A
- Includes multi-country power supply (5VDC, 1.5A)

*Standard for wireless power transmission using electromagnetic induction

If your smartphone/tablet is not Qi-compliant, you can use one of our Qi-compliant wireless charging adapters (73325, 73361 or 73387-73388) New models online!



Qi Wireless Charging Pad	73385
Qi Wireless Charging Pad (round) with USB A/Micro-B cable NEW	73224
Samsung Galaxy S4 Adapter	73387
Samsung Galaxy S5 Adapter	73361
Samsung Galaxy Note 2 Adapter	73388
Samsung Galaxy Note 3 Adapter NEW	73389
Samsung Galaxy Note 4 Adapter	73325

USB DC Power Cable

- Power from a USB port
- Length: ~1.5m



USB A to 2.35/0.7 mm DC plug NEW	70264
USB A to 2.5/0.7 mm DC plug	70265
USB A to 3.5/1.35 mm DC plug	70266
USB A to 4.8/1.7 mm DC plug	70269
USB A to 5.5/2.1 mm DC plug	70268
USB A to 5.5/2.5 mm DC plug	70267

MORE ACCESSORIES FOR MOBILE DEVICES
PAGE 188-191
 ... latest products at LINDY.com

USB Charge & Sync Cable for iPad



- Allows charging via USB ports
- Simply slide switch between sync and charging
- Simply use with your original cable
- Length: ~1.2m

73335

Smartphone Dual Charger & Sync Cable

- USB cable for charging 2 smartphones/mobile phones with USB Micro B connector
- Connectors: USB type A male to 2x Micro B plug USB 2.0
- Black Micro B plug: charging & sync
- Red Micro B plug: only for charging
- Cable length each ~1.5m



31 661

USB Car Charger



- 5V DC charging adapter cigarette lighter 12-24V
- Output: 5V DC regulated
- Charging current: USB port outer 1x 1A, USB port center 1x 2.1A

73334

Universal Notebook Power Adapter 90 Watt



- For office, and home use as replacement or secondary power adapter
- Primary (input): 100 - 240V AC, 2.5A, 50 - 60Hz
- List of supported notebooks, see LINDY.com
- Euro power cord included

71300

Notebook Surge Protector C7/8 or C5/6 with USB charger



- For notebooks with connectors for IEC320-C7/8 ("Figure 8")
- Input: 100 - 240V AC 50/60Hz, 6.3A max.
- USB charging via 2 USB A female: 5V DC ~1A max.
- LED display for surge protector and USB power

C7/8 with USB charger

73310

10 Tablet Charging/Sync Station



- Securely charge up to 10 tablets simultaneously
- Sync up to 10 iPads while they are charging
- Daisy chain up to 3 stations to sync up to 30 iPads at the same time
- Slide-in lockable door
- Built-in fan
- Built-in power supply 100-240V 50/60Hz ~3A

73397

USB Micro-B Power Supply



- For charging smartphones or tablets with USB Micro-B connector
- Input: 100 - 240V AC, Euro plug
- Output: 5V DC 2A

70225

USB Power Supply / Charger



- Small and compact
- For charging mobile phones, iPhone/iPod, audio equipment, etc. – without the need of a PC USB port
- USB type A female
- 100...240VAC/5V DC ~1.2A

73350

2 or 4 Port USB Power Supply - Fast Charging



- For charging mobile phones, iPhones/iPods/iPads, audio equipment, etc. – for worldwide use
- **73355:** 100 - 240V AC/5V DC, ~2.1A max. combined
- **73323:** 100 - 240V AC/5V DC, ~5A max. combined
- Includes 4 different plug adapters for Euro, UK, USA, China/Australia

USB Power Supply, 2 port

USB Power Supply, 4 port



73323



73355

73323

Multi Country Switching Power Supply



- High energy efficiency, input: 100-240V AC, 50-60Hz
- 4 different power socket adapters, easily interchangeable: Europe, UK, Hong Kong, Singapore, USA, Canada, Taiwan, Japan, China, Australia, New Zealand
- Cable length: ~1.4m

5V DC ~2A – DC plug 4.8/1.7 mm	73846
5V DC ~2.6A – DC plug 3.5/1.35 mm	73823
5V DC ~3A – DC plug 5.5/2.5 mm	73812
9V DC ~0.5A – DC plug 5.5/2.5 mm	73800
9V DC ~2A – DC plug 5.5/2.1 mm	73847
12V DC ~1.25A – DC plug 5.5/2.5 mm	73805
12V DC ~1.25A – DC plug 5.5/2.1 mm	73830
24V DC ~1.25A – DC plug 5.5/2.1 mm	73825

NEW

Travel Adapter with USB Power Supply



- Features different country plug types that slide out of the unit and lock into place (Europe, UK, USA and Australia)
- Max. power output: AC 240V, 1200W / 5A
- Supplied with two different adapter caps which support either mains plugs or USB devices
- USB power supply; input: 85-260V AC; output: 5V DC, ~500mA

73111

WE OFFER POWER SUPPLIES WITH OTHER VOLTAGES, POWER AND CONNECTOR PLUGS UPON REQUEST:

LINDY TECH SERVICES

+44 1642 754 020

Euro Power Supply 5V DC, USB etc.

- Switching power supply
- Input: 100 - 240V AC
- Output: 5V DC regulated ~2A
- Cable length ~1.6m
- Mini type DC plug: Ø outer/in: 3.5/1.35mm



70222

IEC Power Supply 5V DC High Power



- Switching power supply
- 100-240VAC
- Power cord not included
- Output: DC plug 5.5/2.5mm
- 73818:** 5V DC, ~4A (20W)
- 39368:** 5V DC, ~6A (30W)

5V DC, ~4A 5.5 / 2.5 mm	73818
5V DC, ~6A 5.5 / 2.5 mm	39368

Euro/Schuko to UK Adapter Plug



- Adapter converts CEE7 (XVI) Euro plug to standard UK 3 pin plug
- Internal 5A fuse
- Lid is simply screwed closed, making a secure permanent connection for the plug

Euro to UK Adapter Plug	73094
Earthed Schuko Plug Converter	73096

Schuko to Swiss Plug Adapter

- Only available at LINDY CH



73050


DC Adapter Cable







This adapter allows you to connect power supplies with large 5V plugs into almost all USB hubs, card readers and other devices that need the small 5V connector and vice versa.



DC Adapter Cable - 5.5 / 2.5mm F / 3.5 / 1.35mm M	70262
DC Adapter Cable - 3.5 / 1.35mm F / 5.5 / 2.5mm M	70263

IEC-C13 to...

	IEC-C14 WORLD	DE FR IT	IT	CH	UK	US
 0.7m	-	30256	30258	30257	-	-
2m	30326	30322	30378	30375	30142	30038
3m	30327	30323	30379	30376	30057	-
5m	30328	30324	30380	30377	30148	-











with locking IEC C13 socket

	DE FR IT
2m	30134








IEC C13 Right Angled Socket to...

	DE FR IT	IT
 2m	30329	30373









IEC-C13 to IEC-C14 world

		Blue	Orange	Red
 0.5m		30470	30473	30476
1m		30471	30474	30477
2m		30472	30475	30478









IEC C5 "Cloverleaf" Socket to...

	IEC-C14 WORLD	DE FR IT	IT	UK
 2m	30400	30405	30408	30146
3m	-	30406	-	-
5m	-	30407	-	-










IEC C7 Connector Socket (Fig. 8) to...

		EURO	UK	US
 2m		30421	30059	30424
3m		30422	-	-
5m		30423	-	-

IEC C19 (16A) to...

	IEC-C20 WORLD	DE FR IT	UK
 2m	30385	30347	30339








IEC Mains Power Y-Cable to...

	IEC-C14 WORLD	DE FR IT
 ~2m	30037	30049






Y Power Cable with 1x IEC-C13 & 1x IEC-C5 to...

	DE FR IT
 ~2m	30066

Schuko Extension Cable

	DE IT
3m	30278
5m	30279
10m	30280

PowerCube Power Strip



PowerCube Extender with 2 USB, 3m

- 4 schuko sockets and 2 USB charging ports
- Cube shape allows free access to all sockets - even with large power supplies
- 3m cable length
- Modular design
- Includes docking system for mounting

73220

PowerCube with 2 USB ports, IEC connector

- 4 schuko sockets and 2 USB charging ports
- Connect via IEC power cable IEC-C13 (not included)
- Worldwide use when using an IEC mains cable with typical power connector
- Modular design

73222



Docking system for PowerCube (3 pcs)

- 3 docking stations with 2 self-adhesive tapes
- Incl. 2 self-adhesive strips for each PowerCube docking system

73226

Power Strips Schuko DE | IT



- Sockets rotated 45°
- 1.5m long cable



3 way, Schuko DE, IT	73150
6 way, Schuko DE, IT, on/off switch	73160
10 way, Schuko DE, IT, on/off switch	73185

Premium Power Strips Schuko DE | IT



- 2m cable
- Sockets rotated 90°
- With child safety lock, on/off switch



6 way, Schuko DE	73165
------------------	-------

Cable Box Schuko DE | IT



- 4 sockets
- 3m cable with Schuko plug

4 way, Schuko DE, IT, 3m	73180
--------------------------	-------

Power Strips IT



- Universal sockets for Italian and Schuko plugs, 45°
- With on/off switch
- 1.5m cable

7 way IT	73195
7 way IT, surge protection filter	73196

4 way Cable Box CH



- Rotating cable box with 4 sockets
- Connection cable with Swiss plugs, 4m

4 way Cable Box CH	73183
--------------------	-------

Power Strips FR



- sockets rotated 45°
- 1.5m cable



3 way FR	73152
6 way FR with on/off switch	73162

Power Strips CH



- Color white
- 3m cable



5 way CH	73214
5 way CH with on/off switch	73215
7 way CH with on/off switch	73216
9 way CH with on/off switch	73217

REMOTE VIA IP CONTROLLED
POWER STRIPS
PAGE 110-111



... latest products at LINDY.com

Premium Line Power Strip
DE | IT



- Sockets rotated 45°
- 3m cable



6 way, 3 switches, DE, IT

73 158

Premium Alu Line Power Strip
DE | IT



- Sockets rotated 45°
- 3m cable



6 way, DE, IT

73 159

Power Strips 19" 1U

- Aluminum housing
- Connecting cable (H05VV-F 3G1.5 black)
- Angled Schuko plug or swiss plug, 2m
- Practical stainless steel fixing bracket to mount in 4 different positions, each rotatable 90°

IEC Power Strips
DE | IT | FR



- 8 x IEC 320
- 2m cable



8 way DE, IT, FR

73 380

Standard 16A with surge protection
DE | IT



- Schuko sockets rotated 35°
- 2m cable



7 way + switch (Schuko) DE, IT

73 430

Power Strips 16A
DE | IT



- Schuko sockets rotated 35°
- 2m cable



8 way + switch (Schuko), DE, IT

73 400

Standard 16A
FR



- Schuko sockets rotated 35°
- 2m cable



9 way FR

73 392

Standard 16A
DE | IT



- Schuko sockets rotated 35°
- 2m cable



9 way (Schuko) DE, IT

73 390

Standard 16A
CH



- 9 x Swiss socket
- 2m cable



9 way CH

73 393

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INFORMATION

European legislation imposes extensive obligations on manufacturers and suppliers concerning both product requirements and the duty to inform customers. Here you can find compact information. Details can be found under "News" on our websites.

LINDY Products with batteries

Whenever a LINDY product includes a battery this is clearly indicated in our catalog as on our German website. While in Germany a battery notification is already legally required, Europe and other countries may also introduce some similar regulations in the near future.





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